

62
Michell's

**SPRING 1958
GROWERS CATALOG**



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Maytime

**All-America Bronze Medal Winner 1958
F₁ Hybrid Petunia**

A beautifully soft and clear light salmon-pink, one hundred per cent large flowering Grandiflora with blooms 3½ to 4 inches. Very uniform and compact in its growing habit, will attain a height of 12 inches with a spread of 24 to 30 inches. It is exceptionally fine for bedding and for pots as it is extremely free flowering.

½ tr. pkt. \$1.75; 1 tr. pkt. \$3.00; 1/128 oz. \$5.50;
1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00;
1/8 oz. \$69.00; ¼ oz. \$129.00.

HENRY F. MICHELL CO.

3rd and Spruce Streets PHILADELPHIA 5, PA.



Only the Best Since 1890[•]

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from
Puerto Rico
Florida
California

PREPAID SPECIALS

See pages 68 thru 71

THE 1958 ALL NEW MUM BOOK

Drop Us a Card for Your Copy

BULB DISPLAY CASES

Begonia Case

6 separate colors

Lily Case

6 separate varieties

Caladium Case

6 separate varieties

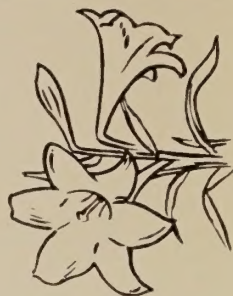
OCTAGONAL REDWOOD TUBS

CALADIUMS

A Michell Specialty

See us for best varieties

Lilies



Michell's

CROFT and ACE

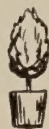
Nothing finer

NURSERY STOCK

Canned Material

Ilex
Pyracantha

Camellias
Ligustrum



Root Wrapped

Shrubs
Fruit Trees

Ornamental Trees



B & B Trees

Magnolia
Pink Dogwood

Shade Trees

THE GREATEST LABOR SAVER OF THEM ALL



TAYLORTRUCKS



See inside back cover

HENRY F. MICHELL CO.

3rd and Spruce Sts.

PHILADELPHIA 5, PA.



FIRE DANCE

Michell's
F-I Hybrid Petunias
GRANDIFLORAS

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50;
 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00;
 1/8 oz. \$57.00; 1/4 oz. \$108.00.



GRANDIFLORA MIX



BALLERINA



CRUSADER

PRIMA DONNA





INCA



MOHAWK



PALE FACE

MULTIFLORA MIX



Michell's
F-1 Hybrid Petunias
MULTIFLORAS

(Redskin Petunias not illustrated—Comanche, Sioux and Apache—see page 5.)

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50;
1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00;
1/8 oz. \$35.00; 1/4 oz. \$60.00.

For Vigor

For Uniformity

For Intensity of Color

Grow F₁ Hybrids



AZTEC

Michell's Only the Best Since 1890

2 All-America Selections for '58

Maytime

F₁ Hybrid Petunia

The largest flowering F₁ Hybrid Grandiflora fringed Petunia, for all bedding and cutting purposes. Very uniform and compact in its growing habit; it will attain a height of 12 inches with a spread of 24 to 30 inches. A beautifully soft and clear light salmon-pink with blooms measuring 3½ to 4 inches.

½ tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00; 1/8 oz. \$69.00; ¼ oz. \$129.00.

Petite

MARIGOLDS

Dwarf Double French type, excellent for bedding. These new Marigolds are very early flowering and will actually start to bloom when only 3 inches high. Will grow to a height of 5 to 6 inches with a 10-inch spread. A significant Marigold introduction.

Petite Gold. Deep gold.

Petite Orange. Bright orange.

Petite Yellow. Brilliant yellow.

Petite Harmony. Mahogany petals, gold center.

Petite Mixed. A well blended mixture.

Tr. pkt. 70c; 1/8 oz. \$1.25; ¼ oz. \$2.00; oz. \$6.00; ¼ lb. \$20.00.

Some of the Newer Introductions

® VERBENA

Delight

A lovely clear shade of coral-pink. A distinct and new color of Verbenas. A prolific bloomer.

Tr. pkt. \$1.00; 1/8 oz. \$1.75; ¼ oz. \$3.00; ½ oz. \$5.75.

® MARIGOLD

Dainty Marietta

Soft golden yellow flowers with mahogany at base of petal. Blooms very early; ideal for flats.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50.

® Man-In-The-Moon

The nearest to white Marigold. Pale ivory-yellow. Carnation-flowered, fully double.

Tr. pkt. 30c; ¼ oz. 55c; oz. \$1.75.

® SNAPDRAGON

Canonnier

A dwarf flowering flame-red Snap. Ideal for bedding. Excellent for borders.

Tr. pkt. 60c; ¼ oz. \$1.50; oz. \$5.00.

® Panorama

A new strain of F₂ Snapdragon. This new strain is one of the most important advances in Snapdragons in many years. Available in carmine-red, white, and a multi-colored mixture.

Tr. pkt. \$1.00; 1/8 oz. \$3.30; ¼ oz. \$6.00; oz. \$18.00.

® PETUNIAS

Blue Lustre

F₁ Hybrid deep blue grandiflora with red undertones in hot weather. Profuse bloomer.

½ tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00; 1/32 oz. \$19.00.

® Elk's Star

F₁ Hybrid Petunia, deep velvety crimson with a white star. More uniform in marking than older type.

½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70.

® BEGONIA

Frosted Chocolate

Dusky brown foliage with silvery white flowers. A very interesting novelty.

Tr. pkt. \$1.75; 1/64 oz. \$4.50; 1/32 oz. \$8.00.

® ZINNIA

Ortho Polka

A striped Zinnia in every variation of pink, red, white, yellow and orange.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75.

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Special Note

Flower Seed varieties preceded with the above symbol are especially recommended.

Michell's Double PETUNIAS

1/128 oz. 2,500 seeds



WHITE SWAN

CHEERFUL

DARLING

Giant Victorious All-Doubles

A new development with gigantic 5 inches across full double fringed flower far superior to the previous Victorious. This is dwarf and compact in growth for the size of flower.

Ⓜ **Cheerful.** The most charming clear pink with enormous 5-inch flowers. Fully doubled and fringed. Almost all large flowered in perfect form. One of the best of All Double Petunias.

Ⓜ **Darling.** Over 90 per cent of the seedlings produce enormous 5 inches across fully double well fringed flowers of the most pleasing carmine-rose color. A few of them show white variegation.

Purple Queen. The largest and best of the double purple Petunias. Giant 5-inch flowers are of perfect form and substance; all large flowers.

Salmon Shades. Extra large flowered, fully double, well fringed flowers. This is a delightful mixture of salmon shades.

Sunset Giant. Brilliant deep salmon shaded scarlet fully double well fringed large flowers. We think this is a new color in the All Doubles. Much brighter than Allegro, in similar large size and form. Also one of the best of Giant Victorious Group.

Ⓜ **White Swan.** Probably the largest white in All Double Petunias. It measures fully 4½ inches across in its full double, well fringed form. Nearly all double flowered.

Ⓜ **Formula Mixture.** A carefully blended mixture of the above varieties.

Prices on above varieties, ½ tr. pkt. \$2.50; tr. pkt. \$4.50; 1/128 oz. \$8.50; 1/64 oz. \$16.00; 1/32 oz. \$29.50; 1/16 oz. \$58.00.

Double Mixtures

Ⓜ **CANADIAN GIANTS ALDDOUBLE MIXTURE.** Original Strain. Very popular and improved pot plant strain containing a choice blending of pink, rose, and salmon shades.

½ tr. pkt. \$2.00; tr. pkt. \$3.50; 1/128 oz. \$6.65; 1/64 oz. \$12.60; 1/32 oz. \$24.00; 1/16 oz. \$45.00.

ALDDOUBLE AMERICA. Originator's Stock. All-America Silver Medal Winner. Produces rose-pink flowers of medium size—2 inches or more across. Very early flowering. ½ tr. pkt. \$1.50; tr. pkt. \$2.50; 1/64 oz. \$8.00; 1/32 oz. \$14.50; 1/16 oz. \$28.00.

Ⓜ **MICHELL'S DOUBLE FRINGED, MIXED.** Superbly colored flowers of mammoth size. Splendid strain producing an average of 60 to 70 per cent doubles. 500 seeds \$1.25; 1000 seeds \$2.50.

NOTE: Seed of all our Double Petunias has been carefully tested in soil, and germination averages 70 to 80 per cent.

All-Double Dwarf Victorious Strain

Attraction. Striking rich rose flowers, mottled white. Dwarf and bushy in habit.

Blue Brocade. Fringed flowers of true violet-blue. Profuse bloomer on stocky plants.

Fantasy. Rich velvety violet-blue and pure white. Very dwarf.

Ⓜ **Gaiety.** Beautiful variegated rose-red and white. Blooms are medium large, full double and fringed on dwarf base branching plants. The most popular Victorious variety. Excellent for pots.

Loveliness. A clear La France or salmon-pink. Extra dwarf with uniformity of growth and habit.

Pure White Snowball. Well fringed pure white. Heavy double flowers.

Ⓜ **Rosy Carmine (World Beauty).** The best in this type. Plants dwarf. Flowers of a rosy carmine shade, well frilled and fully double.

Ⓜ **Victorious.** Formula mixture. Special mixture made up of named varieties. All colors mixed.

Each of the above, ½ tr. pkt. \$2.25; tr. pkt. \$4.00; 1/128 oz. \$6.50; 1/64 oz. \$12.00; 1/32 oz. \$22.00; 1/16 oz. \$40.00.

Pan-American Strain

Ⓜ **Allegro.** Fully double flowers of deep fringed salmon. Fairly dwarf and the best in its color class.

Ⓜ **Caprice.** Deeply fringed flowers of bright rose. A very attractive color.

Nocturne. Deep midnight-purple similar to Elk's Pride. Semi-double, medium large flowers.

Ⓜ **Rhapsody.** It is a deep wine-purple that will not fade. 100% large fringed flowers and borne on dwarf compact plants. A noteworthy addition to this famous line of All-double Petunia.

Ⓜ **Sonata.** Pure glistening, large, double, white flowers. Pinch to induce branching.

Each of the above, ½ tr. pkt. \$2.75; tr. pkt. \$4.50; 1/128 oz. \$8.50; 1/64 oz. \$16.00; 1/32 oz. \$29.50; 1/16 oz. \$58.00.

Ⓜ **Glorious Mixture.** Contains tall and dwarf types in all of the above colors and many others. ½ tr. pkt. \$2.25; tr. pkt. \$4.00. 1/128 oz. \$7.60; 1/64 oz. \$14.45; 1/32 oz. \$28.00; 1/16 oz. \$55.00.

NOTE.—It is important not to discard the small seedlings, as these usually produce the best double flowers.

F₁ Hybrid

PETUNIAS

• GRANDIFLORAS

• MULTIFLORAS

The F₁ Hybrid Petunia varieties have unquestionably added to the tremendous popularity that Petunias enjoy as a bedding plant item. Their profuseness of bloom and their constant display of flowers through the summer until frost place them undisputably at the head of the bedding plant list.

F₁ Hybrid Petunias are produced from seed sown from the cross of especially bred parents. This controlled cross of well fixed parents permits only the slightest variation and produces faster growing plants with exceptionally strong growth and compact habit. The flowers are brighter and clearer and far more uniform in habit than the older inbred types.

Breeding of F₁ Petunias has made such strides in recent years that Petunias have been named as All-America Selections in six of the past seven years and in two years two varieties were named. Since 1952 some of the more significant introduction (All-America Selection) have been:

- 1951—Tango, La Paloma
- 1952—Ballerina
- 1953—Comanche, Linda
- 1954—Crusader
- 1955—Prima Donna, Paleface
- 1956—Fire Dance, Blue Mantle
- 1957—Red Satin, Glitters, Aztec
- 1958—Maytime, Elk's Star

Maytime

© All-America Bronze Medal Winner 1958
(Illustrated on front cover)

A beautiful, soft, clear light salmon-pink. 100% large flowering Grandiflora with blooms 3½ to 4 inches. Very uniform and compact in its growing habit, it will attain a height of 12 inches with a spread of 24 to 30 inches. It is exceptionally fine for bedding and for pots as it is extremely free flowering.

½ tr. pkt. \$1.75;
tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00;
1/32 oz. \$19.00; 1/16 oz. \$36.00; 1/8 oz. \$69.00;
¼ oz. \$129.00.

MULTIFLORAS

The word multiflora means many-flowers, and this is the basis for our second category of F₁ Hybrid Petunias. The Multifloras produce an abundance of medium sized flowers that literally cover the entire plant. This habit makes it ideal for flat sales and as a bedding plant. Its flowers are plain-edged and produce a striking effect in mass plantings.



BALLERINA

An example of the Grandiflora type.
(See page 4 for description.)

GRANDIFLORAS

Grandiflora means large-flowered and these brilliant F-1 Hybrids live up to that name with their giant blooms. They are not as free-flowering as the Multifloras, however, their large flowers make them ideal for pots while still being excellent for flat sales. Grandifloras are ruffled and may be plain-edged or fringed. They are definitely the aristocrats of the Petunias.



RED SATIN

An example of the Multiflora type.
(See page 5 for description.)

PETUNIAS

F1 Hybrids

GRANDIFLORAS

1/64 oz. 5,000 seeds

MAYTIME, see preceding page.



SNOW LADY

Ⓜ **Ballerina.** All-America Winner. This single Petunia is a very dwarf compact type, with beautifully fringed glowing salmon flowers. An excellent variety for bedding or pot plants.

Ⓜ **Blue Mantle.** Dwarf large flowering rich velvety violet-blue color throughout. Very uniform in its dwarf, compact habit. We think this is the best large flowering violet-blue. An important new addition to F-1 Hybrids.

Ⓜ **Bonfire.** A most dazzling deep salmon-scarlet with a golden throat. Large flowers, 3 to 3½ inches across are borne in great profusion on this dwarf plant. Early flowering and recommended for its color and its height of 9 inches.

Ⓜ **Crusader.** This ruffled large flower is unique in gay coloring. It is a lovely bicolor striped rose-pink on a white ground, making a striking display in beds or borders. It is free blooming and starts to bloom very early, an excellent item for pot plants.



BLUE MANTLE

Ⓜ BLUE LUSTRE

(Illustrated on Back Cover)

A beautiful deep blue. Newly opened blooms are a deep velvety blue, as they mature or in hot weather they develop a rich red undertone. The very oldest blooms silver to a typical mid-blue. Plants grow only a foot tall, spreading to 24 inches, bearing an incredible number of waved, lustrous flowers during the course of the season.

½ tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50;
1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00; 1/8 oz. \$69.00;
¼ oz. \$129.00.

Ⓜ **Fairyland.** A beautiful light salmon-pink with large 3-inch flowers nicely fringed. Of compact growth, its height does not exceed 8 inches.

Ⓜ **Fire Dance.** All-America Winner. A rich scarlet-salmon with a yellow throat. The large flowers are 3 to 4 inches across and are beautifully fringed. It is free flowering and uniformly compact, being extremely vigorous while remaining dwarf in habit. Grows to height of 12 to 15 inches with a spread of 20 to 24 inches. We strongly recommend this winner.

Ⓜ **Flirt.** An entirely new color in Hybrid Petunias. A pleasing carmine-rose that must be seen to be appreciated. Large 3-inch flowers on dwarf compact plants not exceeding 8 inches. A vigorous and robust grower.

Ⓜ **La Paloma.** Well-fringed flowers, 100% large flowering pure white with yellow throat. Very uniform and vigorous grower.

Ⓜ **Minstrel.** White background with a rich blue cross on flowers 3 inches across. Extremely uniform both in habit and marking. This variety is slightly superior to Blue Cross, the variety that it replaced. Truly a standout.

Ⓜ **Prima Donna.** All-America Winner. A very dwarf, compact type beautifully ruffled and fringed; giant, 3½ to 4-inch, bright rose-pink flowers. Vigorous growing habit. Uniformly dwarf, compact, spreading. Base branching. Height 12 to 15 inches.

Ⓜ **Snow Lady.** (New.) Giant pure white, beautifully fringed blooms on dwarf and uniform plants makes this introduction a standout.

Ⓜ **Tango.** Bright, deep scarlet-salmon—the brightest color in Petunias. Actually deeper in color than Carmencita, also larger flowered and although not quite so dwarf, still dwarf enough for pot plants.

Ⓜ **White Magic.** An early pure white with large ruffled blooms. Free blooming, dwarf habit.

Ⓜ **Grandiflora Mixture.** Our own carefully blended formula of all the better F₁ Hybrid Grandifloras to provide a well-balanced mixture.

Prices on all F-1 Hybrid Grandiflora Petunias Except Blue Lustre

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00;
1/32 oz. \$15.50; 1/16 oz. \$29.00; 1/8 oz. \$57.00; ¼ oz. \$108.00.

PETUNIAS—

F1 Hybrid

MULTIFLORAS

1/64 oz. 5,000 seeds

® RED SATIN

All-America Bronze Medal Winner in 1957

(Illustrated on Back Cover)

This is the richest red yet produced in Petunias. The flowers are extremely vivid and the shade is actually much deeper than the color photograph indicates. The color is strong and enduring and heat and sunshine fail to fade its brilliant color. Plants are compact and dwarf and are very floriferous.

½ tr. pkt. \$1.25; tr. pkt. \$2.25; 1/128 oz. \$4.00; 1/64 oz. \$7.50;
1/32 oz. \$14.50; 1/16 oz. \$26.00; ⅛ oz. \$46.00; ¼ oz. \$82.00.

® GLITTERS

All-America Winner for 1957

(Illustrated on back cover)

The first real red and white bicolor introduction. The plants are very dwarf, growing only to a height of 8 inches. The flowers are somewhat small but it is a profuse bloomer all season. Compact habit of growth makes it excellent for borders.

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00;
1/32 oz. \$15.50; 1/16 oz. \$30.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

The Redskin Petunias

Developed as companions to Comanche, they all have the same habit, vigor and flowering characteristics and plant very well together. With Comanche as your "leader" you will be able to offer these as a group. See the color illustration on inside front cover.

® **Apache.** A beautiful bright rose-red of semi-dwarf and compact habit. A very vigorous grower and free flowering. Average height 15 to 18 inches.

® **Aztec** (New.) This is a very deep scarlet-red identical in shade to Comanche, however, the gold throat gives it a greater brilliance. This is the Multiflora counterpart to Fire Dance. Compact and free flowering.

® **Comanche.** All-America Winner. A very deep red. The flowers are 2½ to 3 inches across, very free blooming, and a fast grower. The plants are dwarf and compact. A best for bedding. A brilliant border. Colorful in pots. Judged by experts to be superior to any other variety in its color class. The most brilliant Petunia ever bred.

® **Inca.** (New.) The color of American Beauty Rose with a gold throat. This is an improvement on Apache being more dwarf. Very floriferous and compact.

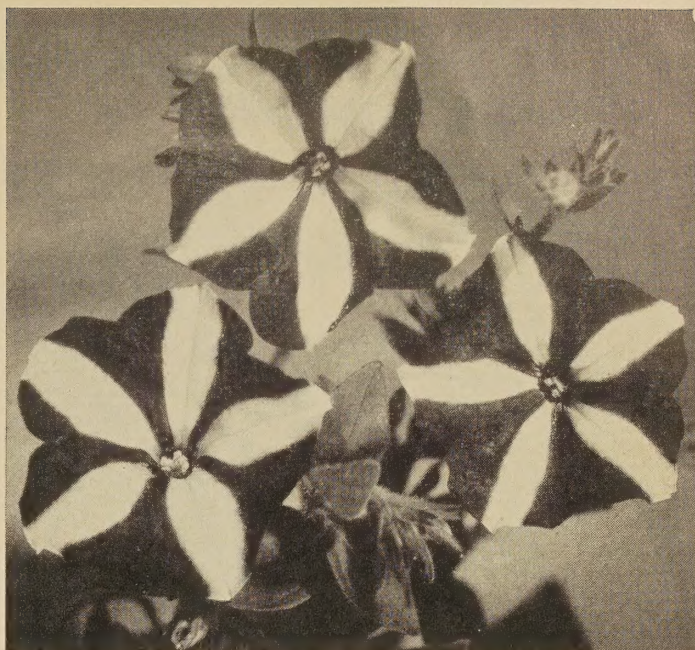
® **Mohawk.** A bright rose-pink and very free blooming. Semi-dwarf and compact, it is a vigorous grower. Average height 16 to 20 inches. This variety is far superior to Rose Charm and should be used in place of it.

® **Paleface.** The perfect white Petunia for bedding! Far surpasses all other white Petunias in vigor of growth and flowering qualities. A real standout and a "must" on your list. The flowers are pure white with a small creamy eye and borne on dwarf, compact, and very uniform plants. Average height 12 to 16 inches.

® **Sioux.** A medium tone salmon shading toward red at the center. Mid-way between Linda and Comanche in color. Its habit is very uniform—dwarf and compact. Average height 13 to 16 inches.

MULTIFLORA MIXTURE

Our own formula mixture composed only of selected F₁ Hybrid Multifloras to offer a well-balanced color range.



® ELK'S STAR

A new F₁ introduction for '58. Deep velvety crimson with a white star. Flower is very similar to the Nana Compacta Elk's Star but more uniform in its star marking with a far more vigorous growth. A worth-while addition to the F₁ family.

Prices below.



LINDA

® **Brilliancy.** A deep cerise-rose color quite similar to Apache. Very free flowering and vigorous in growth.

® **Linda.** Its color is a clear light salmon with high sheen. Extremely free-flowering with blooms 2¾-3 inches across. Very uniform, dwarf, compact habit. Height 15-18 inches with a spread of 24-30 inches. This is an excellent variety and should prove very popular.

® **Pink Sensation.** A beautiful light clear pink bedding variety. Flowers in great profusion on strong stems, uniform in habit and very vigorous grower.

Prices of all F-1 Hybrid Multiflora Petunias Except Red Satin and Glitters

½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50;
1/32 oz. \$11.70; 1/16 oz. \$20.00; ⅛ oz. \$35.00; ¼ oz. \$60.00.

Michell's

Grandiflora PETUNIAS

RUFFLED TYPES

1/64 oz. 2,600 seeds

Veined Throats

The largest among Petunias, heavily ruffled, with wide, shallow throats and rich markings. All have heavy, robust growth and are excellent for florists and garden use.



Michell's Victory Giants

Ⓜ MICHELL'S VICTORY GIANTS

Extra-dwarf super giant Petunia. Large deep-throated fluted flower averaging up to 7 inches across. Plant habit very bushy and free flowering. Color-range of light and dark shades.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/64 oz. \$2.75; 1/32 \$5.00; 1/16 oz. \$9.50.



GIANTS OF CALIFORNIA, Ramona Strain

Ⓜ CARNIVAL

An F₂ Hybrid mixture of grandiflora type flowers with greater color range and more flowers than any standard grandiflora strain. The Carnival series includes blue, white, crimson, rose, scarlet, salmon, salmon-pink, carmine, brilliant rose, light pink, red, rosy lavender, cream-pink and variegated, starred or edged combinations of white and rose, white and pink, white and blue, plus numerous intermediate shades for which no common name is applicable.

The average size of the Carnival flowers runs 3 1/2 inches across. Carnival plants are ideal for bedding because they are dwarf (12-15 inches tall), moderately compact and yet vigorous enough to become 2 feet across when full grown.

1/2 tr. pkt. 85c; tr. pkt. \$1.50; 1/32 oz. \$3.85;
1/16 oz. \$7.00; 1/4 oz. \$21.00; oz. \$63.00.

Ⓜ New Multibloom Mixed DWARF GIANTS OF CALIFORNIA

One of the remarkable features of this new vigorous strain of Dwarf Giants is the great number of huge, frilled blooms each plant produces at one time.

Our grower reports "in counting one hundred plants just as they came in one row in our production block, we found from 19 to 31 fully open prime blooms per plant." This is about four times the number of fully open blooms that you will find per plant on the regular strains of Dwarf Giants at any one time.

The blooms on the new strain are just as large and just as frilled and waved as the finest strains of Dwarf Giants. The color range is complete, containing all colors common to the best strains of large flowered Petunias. The habit is a bit more dwarf than the regular dwarf strains.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.00;
1/128 oz. \$4.00; 1/64 oz. \$7.25; 1/32 \$13.50; 1/16 oz. \$25.50.

Dazzler. (Michell's.) The brightest color in Petunias—orange and rosy scarlet tones, plain and semi-ruffled, golden and white-throated large flowers. Plants dwarf, compact habit, fine for bedding and for pots. Tr. pkt. \$1.00; 1/64 oz. \$1.50; 1/32 oz. \$2.75; 1/16 oz. \$5.00.

Gay Lady. (Michell's.) Plants very compact and erect, 8 to 10 inches tall, forming a compact mat of color. Flowers medium sized, well fringed and ruffled, borne in profusion. The color range is pink and white to red and white. 1/2 tr. pkt. 60c;

tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.00.

Giants of California, Supreme Florists' Strain. The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. Flowers are freely produced on strong plants, which are medium tall in habit. Excellent for bedding and window boxes.

1/2 tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$1.75;
1/32 oz. \$3.00; 1/16 oz. \$5.50.

Pink Frills. A nicely ruffled type developed from the popular Little Giants. Early blooming, medium size flowers in brilliant rose-pink shades. Free flowering and borne on compact well-rounded plants. Excellent for pots, borders and bedding.

Tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50.

Ⓜ **Ramona (Dwarf California Giants).** A fine, new, dwarf, compact strain of the well-known California Giants. Excellent for pots.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/64 oz. \$2.75; 1/32 oz. \$5.00;
1/16 oz. \$9.50; 1/8 oz. \$18.00; 1/4 oz. \$34.00.

Ⓜ **Ruffled Monsters.** (Michell's Giant.) Superb mixture. 1/2 tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$2.00; 1/32 oz. \$3.50; 1/16 oz. \$6.50.

Michell's Grandiflora PETUNIAS



Popcorn

PLAIN-EDGE TYPES

½ oz. 7,000 seeds

Free flowering. 12-16 inch plants. Some varieties spreading, others compact. Plain edged flowers of heavy substance and velvety texture. Prime favorites for the florist.

POPCORN, Super Dwarf

Ⓜ Has all the fine qualities of Snowstorm and in addition a really super-dwarf habit. The flowers are pure glistening white, same size as Snowstorm, and are carried on long-growing, upright plants. Ideal for pots and home gardens.

½ tr. pkt. 85c; tr. pkt. \$1.50; 1/64 oz. \$2.75; 1/32 oz. \$5.00;
1/16 oz. \$9.50; ⅛ oz. \$18.00; ¼ oz. \$33.00.

Ⓜ **Dwarf Elk's Pride.** A really dwarf type of this popular Petunia. The plants are of upright habit, free flowering and the color the well-known royal purple.

½ tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$1.90;
1/32 oz. \$3.40; 1/16 oz. \$5.75; ⅛ oz. \$10.50.

Purple Prince. A fine velvety purple, large-flowering variety.

Tr. pkt. \$1.00; 1/64 oz. \$2.00; 1/32 oz. \$3.75; 1/16 oz. \$7.00.

Ⓜ **Snowstorm.** A fine, large-flowering, plain-edged, pure white variety. Very free flowering.

½ tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$1.90;
1/32 oz. \$3.40; 1/16 oz. \$5.75; ⅛ oz. \$10.50.

White Cloud. Dwarf; compact; pure white.

Tr. pkt. \$1.00; 1/64 oz. \$1.90; 1/32 oz. \$3.40;
1/16 oz. \$5.75; ⅛ oz. \$10.50.

White Queen (Ruffled Grandiflora). Dwarf compact habit, large pure white ruffled flowers. Fine pot-plant variety.

½ tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$1.90;
1/32 oz. \$3.40; 1/16 oz. \$5.75; ⅛ oz. \$10.50.

FRINGED-EDGE TYPES

1/32 oz. 7,800 seeds

½ trade Trade 1/64
pkt. pkt. oz.

Ⓜ **Fringed Snowstorm.** Plants are of compact form. The flowers are glistening white with a slight tinge of yellow in throat, and are deeply fringed. An excellent variety for bedding or pots.
.....1/32 oz. \$3.75; 1/16 oz. \$6.75..\$0.65 \$1.00 \$2.35

Ⓜ **Super Fluffy Ruffles.** (Michell.) A splendid strain with beautifully ruffled and fringed flowers. A blending of rose and salmon shades ..
.....1/32 oz. \$3.40; 1/16 oz. \$5.75; ⅛ oz. \$10.50.. .60 .85 1.90

Theodosia. Michell's Improved Strain. A superior selection having large, brilliant rose-pink flowers, with full open throats, fine for pots...
.....1/32 oz. \$3.30; 1/16 oz. \$6.00; ⅛ oz. \$11.00.. .60 .90 1.80

White Mound. This plant makes a perfect oval or mound, completely covered with fringed white flowers of medium size. An excellent pot plant or for cemetery planting.....
.....1/16 oz. \$5.50; 1/32 oz. \$3.00.. .75 1.75

Ⓜ **Michell's Giant Fringed Mixed.** Flowers very large, beautifully fringed and ruffled, and in a fine mixture of the most popular colors.
....1/32 oz. \$3.40; 1/16 oz. \$5.75; ⅛ oz. \$10.50.. .60 .85 1.90

See preceding pages for a complete list of the improved F-1 Hybrid Petunias. Standard Hybrids are listed on the following page.

ATTENTION FLAT GROWERS

The Electric TAYLORTRUCK

Will save you hours and dollars.
See inside of back cover.



PETUNIA, Fluffy Ruffles



Standard Hybrid PETUNIAS

260,000 seeds per ounce.

DWARF HYBRIDA

Dwarf, compact, free-flowering. 12-16 inches. Plants bearing many medium sized, plain edged, single flowers. Fine for beds and borders.

⑩ **Admiral Improved.** A superior selected strain. The flowers are a rich violet-blue, slightly waved, 100% true to type and color. Tr. pkt. 80c; 1/64 oz. \$1.65; 1/32 oz. \$2.90; 1/16 oz. \$5.25; 1/8 oz. \$9.50.

⑩ **Celestial Rose, Michell's Improved Strain.** This is an extra-selected strain, far superior to the regular sort. The growth is uniform. Free flowering and comes practically 100% true. Tr. pkt. 60c; 1/8 oz. \$1.15; 1/4 oz. \$2.00; oz. \$6.50.

⑩ **Cream Star.** Flowers are shaped like five-pointed stars. Each flower is dainty white marked with a cream-colored star. Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$6.00.

Elk's Star. A dwarf free-flowering single Petunia of exceptional merit. The flowers are a deep velvety crimson with a white star, very uniform in habit and quite true in color. Tr. pkt. 60c; 1/16 oz. \$1.80; 1/8 oz. \$3.30; 1/4 oz. \$6.00.

English Violet. A most pleasing shade of violet-blue. Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00.

⑩ **Fire Chief.** All-America Gold Medal Winner. A dwarf, compact growing, bedding Petunia. It is a bright scarlet-red, a color lacking in this class until now. Tr. pkt. 50c; 1/16 oz. \$1.65; 1/8 oz. \$2.90; 1/4 oz. \$5.00; oz. \$18.00.

⑩ **Glow.** An excellent strain with medium-sized single flowers of a very intense glowing carmine-rose, measuring 2 1/4 inches across. Tr. pkt. 50c; 1/16 oz. \$1.25; 1/8 oz. \$2.00; 1/4 oz. \$3.75; oz. \$13.50.

Igloo. This extra-compact white Petunia produces flowers of medium size, pure white, with a slight yellow throat, and coming 100% true. Tr. pkt. 50c; 1/8 oz. \$1.15; 1/4 oz. \$2.00; oz. \$6.50.

⑩ **King Henry.** A large flower of blood-red color. Free flowering; of dwarf, compact habit. Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.25; 1/4 oz. \$10.00.

Twinkles. Bright rose with star. Tr. pkt. 60c; 1/8 oz. \$1.70; 1/4 oz. \$3.00; oz. \$9.00.

Velvet Ball, Hybrida (Dwarf Flaming Velvet). The plants are about 8 inches with a spread of only 8 to 10 inches, have a dozen or more flowers in bloom at a time, 2 1/2 inches in diameter, well shaped, and of a deep velvety blood-red. Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.25; 1/4 oz. \$10.00.



DWARF HYBRIDA, Michell's Celestial Rose Improved



STANDARD HYBRIDA, Rosy Morn Improved

STANDARD HYBRIDA

Free-flowering 18-24 inch plants. Medium size, plain edged, single flowered. Very popular for garden use.

⑩ **Bluebird.** Medium-sized flowers, deep blue. Tr. pkt. 50c; 1/4 oz. \$1.35; oz. \$4.25

Silver Blue (Heavenly Blue). Makes a fine bedding variety when combined with Rosy Morn. Tr. pkt. 50c; 1/4 oz. \$1.75; oz. \$6.00.

Flaming Velvet. Brilliant, velvety blood-red. Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

Howard's Star, Improved. Crimson-maroon flowers, each having a distinct 5-pointed white star. Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

⑩ **Rosy Morn Improved.** A decided improvement on this popular variety. Flowers brighter in color and considerably larger. Tr. pkt. 75c; 1/4 oz. \$1.50; oz. \$5.25.

⑩ **Snowball, Improved.** Dwarf. Pure white. Tr. pkt. 50c; 1/4 oz. \$1.80; oz. \$5.40.

Violaacea. Deep violet. Erect dwarf type. Tr. pkt. 50c; 1/4 oz. \$1.40; oz. \$4.00.

White Perfection. All-America Award. The individual flowers measure about 2 inches across. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.50.

Choice Mixed Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.50.

⑩ FLORIST FORMULA MIXTURE

Our own blend of choice dwarf types, and containing the best contrasting colors. An excellent florists mixture for pots or flats for spring sales.

Tr. pkt. 60c; 1/16 oz. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.00; oz. \$14.00.

MICHELL'S FLOWER SEEDS

FIELD OF MICHELL'S BOUQUET ALYSSUM

Distinctive strains of Flower Seeds for the florist are one of our specialties. No trouble or expense is spared in our endeavor to supply the best and most improved strains from both home and foreign growers. Our list contains the All-America winners and also the most popular florists' varieties.

On all Flower Seed quoted in this catalog there is no extra charge for parcel post except for registry or insurance.



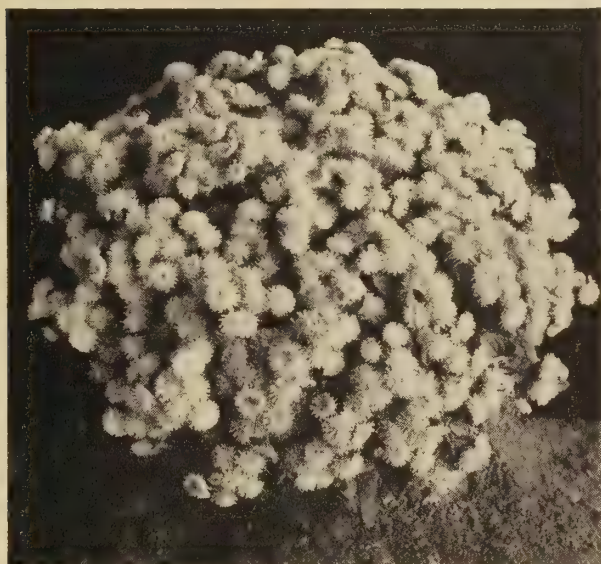
Varieties preceded with this symbol are especially recommended.

ACROCLINIUM - Everlasting

9,000 seeds per ounce.

Trade pkt. Oz.

Sensation Giants. Improved strain of Acroclinium. Produces much larger blooms than any existing strain and grows 6 to 8 inches taller. Mixed colors.....\$0.40 \$1.80



AGERATUM, Midget Blue

AGERATUM - Floss Flower

210,000 seeds per ounce.

Excellent bedding plants. Sow seed early for good-sized plants for spring sales. Tr. pkt. 1/8 oz. 1/4 oz.

Ⓜ **Blue Mink.** New Tetra Ageratum. Giant blue flowers on husky, strong plants\$0.75 \$1.65 \$3.00
Tr. pkt. 1/4 oz. Oz.

Ⓜ **Michell's Blue Boy.** Extra dwarf. Plants compact and very dwarf, about 4 inches high. Rich shade of blue\$0.50 \$1.50 \$5.00

Ⓜ **Midget Blue.** Silver Medal, All-America Selections. A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers50 1.75 6.00

Blue Ball. Very large, blue flowers. Dwarf40 1.30 4.25

Blue Perfection. Best dark blue. Fine for cutting. 1 ft.....25 .50 1.60

AMARANTHUS

30,000 seeds per ounce.

Tr. pkt. 1/4 oz. Oz.

Molten Fire. Summer Poinsettia. Very ornamental and easily grown from seed. Leaves dark bronze, center Poinsettia-red.\$0.30 \$0.70 \$2.10

Tricolor splendens. Joseph's Coat. Various colors. .25 .60 1.75

ALYSSUM

60,000 seeds per ounce.

Tr. pkt. 1/4 oz. Oz.

Ⓜ **Royal Carpet.** All-America Silver Medal Winner. A new gem for the garden. The spreading compact habit and rich violet-purple color should be an excellent companion to Carpet of Snow and emphasize any background. Height 3 in.; spread 12 in.....\$0.40 \$1.30 \$3.90



ALYSSUM, Bouquet

Trade pkt. Oz. 1/4 lb.

Ⓜ **Michell's Bouquet (Carpet of Snow).** Our especially selected strain is the finest dwarf type obtainable. Plants form perfect bouquets of miniature white flowers. Fine for growing in pots and a real gem for edging\$.25 \$1.00 \$3.35

Lilac Queen. Dwarf and compact. Flowers lilac. .25 .90 2.75

Little Gem. Very dwarf and compact25 1.00 3.50

Violet Queen. Dwarf compact form. Flowers are a pretty, bright violet tint. A variety that will come very true from seed 1/4 oz. 60c. .25 1.80 6.00

Sweet (A. maritimum). The well-known, fragrant, white, trailing variety25 .75 2.50

Tetraploid Snowdrift

The Giant Alyssum

Here once again the miracle drug colchicine has produced a new flower. One foot tall, it's rugged, it's vigorous, bearing masses of huge snowy white blooms on uniform plants. Stems closely approach Hyacinth Candytuft and are fine for cutting.

Trade pkt. 30c; 1/4 oz. 75c; oz. \$2.25.

ARCTOTIS - Lilac African Daisy

25,000 seeds per ounce.

Trade pkt. 1/4 oz. Oz.

Grandis. Large, Daisy-like flowers, pure white on the upper surface, reverse side of petals lilac. Good florist's cut flower. 3 ft.....\$0.50 \$1.50 \$4.50

ASPARAGUS Plumosus nanus

American-Grown Seed

100 seeds	.....\$0.40	1000 seeds	.....\$ 3.00
250 seeds	......85	5000 seeds	.....12.50
10,000 seeds, \$19.50			

ASPARAGUS Sprengeri

American-Grown Seed

100 seeds	.....\$0.40	1000 seeds	.....\$ 3.00
250 seeds	......85	5000 seeds	.....12.50
10,000 seeds, \$19.50			

ASTERS

See pages 11-13.

Michell's Begonias

1/32 oz. 30,000 seeds.

Fibrous Begonias in the past few years have become popular in many sections as bedding plants for direct sunlight. Ordinarily these are considered shade plants, however, the tall and intermediate varieties respond very well to outdoor plantings. Have some available for your customers.



BEGONIA

CULTURAL DIRECTIONS: For best results sow the seed in neutral peat. Since Begonia seed is extremely small a fine mist spray should be used when watering. A potting mixture of half peat and soil and a minimum temperature of 60° will provide good saleable spring plants. Sow in January for Mother's Day sales.

New F₁ Hybrid Strains

The following are offered in original trade pkts. only. Height 5 to 6 inches. Plants grown from these strains show a marvelous uniformity and perfection of blooms.

Pink Tausendschoen (1000 Wonders). Bright pink flowers freely produced on dwarf, compact plants. Tr. pkt. \$2.00.

Rosy Red (Benary's). Same as above with the exception of the color, which is a brilliant rosy red. Tr. pkt. \$2.00.

Sleeping Beauty (Benary's). Bright carmine-rose with green foliage. Extremely free flowering. Sun and rain proof resistant. Dwarf, compact habit. We highly recommend this new sort. Tr. pkt. \$2.00.

® Rex Hybrids

Choice mixture of ornamental leaves of Rex Begonias. Many unusual colors. 500 seeds \$1.50; 1000 seeds \$2.50.

BEGONIAS, Tuberous-Rooted

These are easily raised from seed. They produce enormous flowers and are excellent for bedding, window boxes, or pot culture.

	1/2 trade pkt.	Trade pkt.
Single Choice Mixed	\$1.75	\$3.00
Double Choice Mixed	1.75	3.00

® Varieties preceded with this symbol are especially recommended.

BEGONIAS - Fibrous-Rooted

Ideal for Pots, Combinations and Bedding

Dwarf Class 6 to 8 inches

Frosted Chocolate

A new novelty Begonia. Plants have dusky brown foliage with silvery white flowers. Free blooming, excellent for bedding. Tr. pkt. \$1.75; 1/64 oz. \$4.50; 1/32 oz. \$8.00.

	Trade pkt.	1/64 oz.	1/32 oz.
® Adeline. Attractive bright pink flowers and green-foliage; very dwarf habit	\$1.50	\$3.25	\$6.00
Ball Red. A Begonia of fairly dwarf, perfectly rounded habit covered with medium large flowers of the brightest scarlet-red	1.50	3.25	6.00
Dwarf Luminosa. Extra dwarf. Scarlet flowers. Bronze foliage	1.50	3.00	5.50
® Fireball. New. A bright fire-engine-red with rich green foliage. A dense, compact grower, wonderful for pot culture	1.75	4.50	8.00
King of the Reds. Very dwarf. Glowing scarlet	1.25	2.50	4.75
® Pink Pearl. Original packets. One of the best for pot culture. Dwarf, compact, 6 to 8 inches high. Bright pink flowers	1.50	} Original pkts. only	
® Red Pearl. Original packets. Same as above in habit. Color brilliant dark scarlet	1.50		
® Snowbank. The best large flowering pure glistening white; light green foliage, dense growing even dwarf plants	1.25	2.75	5.00
Dwarf Varieties Mixed	1.00	2.50	4.50

Medium Class 9 to 11 inches

® Carmen. Bright rose-pink with rich bronze foliage	1.25	2.75	5.00
Christmas Cheer. Bright crimson-scarlet. Fine for forcing	1.00	2.25	3.75
Fire Sea (Blaze of Fire). Brilliant fiery red flowers; green foliage	1.25	2.50	4.50
® Indian Maid. A fine variety with bright, deep scarlet flowers and dark bronze foliage	1.25	2.75	5.00
Luminosa. Fiery dark scarlet	1.25	3.00	5.50
Prima Donna. Rose, shading to carmine	1.25	2.25	3.50
® Scandinavia, Pink. An outstanding large-flowering pink suitable for pots. Excellent for winter flowering	1.25	2.75	5.00
® Scandinavia, Red. An outstanding large-flowering red suitable for pots. Excellent for winter flowering	1.25	2.75	5.00
® Scandinavia, White. The same as above except the flowers are pure white	1.25	2.75	5.00
White Pearl. Rich, fine white flowers	1.25	2.50	4.50
Medium Mixture	1.25	2.25	3.75

CROSSANDRA UNDULIFOLIA

This everblooming plant has flower spikes of overlapping bright salmon florets. Attractive bright glossy foliage.

Sown any time of the year it will flower in from 6 to 9 months. It requires a rich well drained soil and a temperature of at least 65 degrees. We predict this will become a very popular pot plant. We offer new crop seed. Seed sown in January and shifted to 4-inch pots will be ready for May sales. 50 seeds \$2.00; 100 seeds \$3.50; 200 seeds \$6.00.

Michell's ASTERS

POWDERPUFFS

One of the top outdoor commercial Asters. Strictly upright with all flowers stemming from the main stalk. Growers can cut the Aster plant as one market bunch. Flowers are 3 to 3½ in. across, fully double. Extremely free flowering grown 24 in. high yet takes less than 12 in. of space. All the flowers are on top.

Ⓜ **Azure Blue.**

Ⓜ **Rose.**

Ⓜ **Crimson.**

Ⓜ **White.**

Ⓜ **Purple.**

Mixed.

Prices on above, tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50; ¼ lb. \$16.00.

Heavenly Blue, Extra Early Type

Extreme earliness and good cutting stems make this a welcome addition to the Aster family. Flowers are 4 to 6 inches across and a pleasing shade of light lavender-blue. Plants are well branched and grow 18 inches tall.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.



ROYAL WHITE

BALL TYPE ASTERS

Standard midseason class flowering late August, early September. Long stemmed. Fine for cutting.

Ⓜ **Azure-Blue.** Fully double long-stemmed type. Clear light blue flowers.

Ⓜ **Purple.** Dark purple, large flowered and full double.

Ⓜ **Rich Deep Rose.** Extra large flowers, fully double. Rich deep rose.

Ⓜ **Shell-Pink.** Fully double flowers 3½ to 4 inches, of soft shell-pink on long stems. Quite wilt-resistant and rarely shows any center. Throws few laterals, so needs very little disbudding.

Ⓜ **White.** Exceptional doubleness and fine, stiff stems make this variety outstanding. Large flowered, pure white and quite wilt-resistant.

Mixed. Choice mixture of above colors.

Each of the above six: Tr. pkt. \$1.75; ¼ oz. \$3.25; oz. \$9.60.

IMPROVED KING

A distinct type; plants of strong, sturdy habit, fully 18 inches high; flowers of large size and with long, narrow petals, which are more or less quilled. Blooms from August to October. Excellent for cutting.

Choice Mixed. Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$10.00.

PRINCESS CRESTED

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers. 2 feet.

Linda. Pure clear rose.

Golden Sheaf. Deepest yellow Aster yet introduced. Fully double.

Ⓜ **Anne.** Peach-blossom-pink.

Ⓜ **Barbara.** Orchid.

Ⓜ **Bonnie.** Soft salmon-rose.

Ⓜ **Margaret.** New. Florist rose.

Ⓜ **Elizabeth.** New. Pure white.

Ⓜ **Mixed.** Finest mixed.

Prices on above, tr. pkt. 40c; ¼ oz. 90c; oz. \$3.00; ¼ lb. \$10.00.



POWDERPUFFS

EARLY ROYAL BRANCHING

This type fills the gap between the Queen of the Market and the late flowering Branching Asters, blooming mid-August. Height 2-2½ ft.

Ⓜ **Azure-Blue.**

Ⓜ **Peach Blossom.**

Rose-Pink.

Lavender.

Purple.

Ⓜ **White.**

Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

AMERICAN BEAUTY

Similar in type of flower and growth to the Late Branching Aster. Plants grow about 2 to 3 feet high and commence to bloom in September, continuing until frost. Large, double flowers on long, heavy stems.

Ⓜ **Azure Fairy.**

Crimson.

Shell-Pink.

Carmine-Rose.

Purple.

Ⓜ **White.**

Mixed.

Each of the above, tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$10.00.



AMERICAN BRANCHING

ASTERS



IMPROVED CREGO

IMPROVED CREGO

Flowers gigantic, often 5 inches across, and with long, stout stems averaging 15 inches in length. The twisted and curled petals give huge Chrysanthemum effect.

- Crimson.** **Shell-Pink.**
Blue Flame. Bright navy blue. **Violet or Purple.**
Deep Rose. **White.**
Lavender. **Mixed.** All colors.
 Each of the above, trade pkt. 40c; 1/4 oz. 65c; oz. \$2.00; 1/4 lb. \$7.00.

Victory Giants, Mixed

A splendid extra-early Giants of California type Aster. Strong, sturdy plants, branching habit, growing 3 feet tall. The flower averages five inches across. Fine range of light-colored shades, including salmon-pink. Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.00.

Super California Giant, Santa Maria

Immense flowers, fully double, pure white in color. Excellent for cutting. Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$4.00.

Single California Market Rainbow

This tall single wilt-resistant Aster is an excellent florist cut-flower variety. Rainbow Mixture is a choice blend of florist colors. Tr. pkt. 30c; 1/4 oz. 45c; oz. \$1.50.



GIANT CALIFORNIA SUNSHINE

SEMPLE'S or AMERICAN BRANCHING

The finest late-blooming Aster. Large double flowers on long, strong stems. The attractive form of flowers makes it one of the most valuable varieties for cutting.

- Azure-Blue.** **Lavender.** **Shell-Pink.**
Crimson. **Peerless Pink.** **White.**
Deep Rose. **Purple.** **Mixed.** All colors.
 Each of the above, trade pkt. 40c; 1/4 oz. 65c; oz. \$2.00; 1/4 lb. \$7.00.

DWARF QUEEN

This is a free flowering wilt resistant strain growing 10 inches tall. It is a dwarf base branching plant with large double flowers. Excellent for potted plants.

- Scarlet.** **White.** **Light Blue.**
Rose. **Crimson.** **Choice Mixed.**
 Tr. pkt. 40c; 1/4 oz. \$1.50; oz. \$4.50; 1/4 lb. \$16.00.

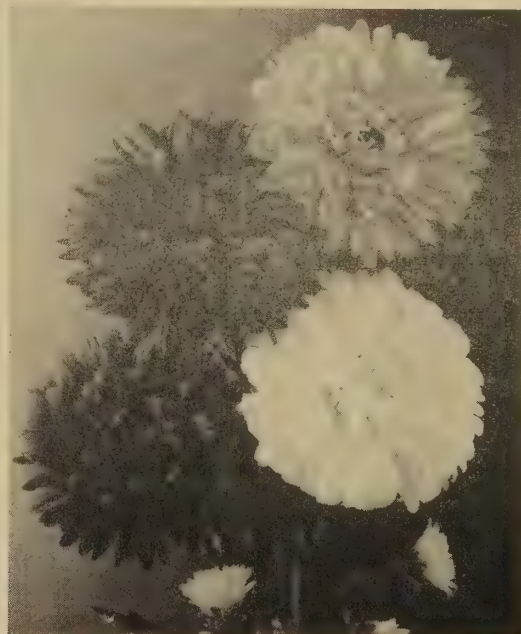
IMPROVED QUEEN OF THE MARKET

This well-known, early-flowering variety is of branching habit, bearing large flowers on long stems. It commences to bloom in July.

- Crimson.** **White.**
Dark Blue (Purple). **Peach Blossom (Blush-Pink).**
Light Blue (Lavender). **Mixed.** All colors.
Rose-Pink.
 Each of the above, trade pkt. 40c; 1/4 oz. 65c; oz. \$2.00; 1/4 lb. \$7.00.

Ballet Type Mixed

New early Queen of the Market class of Asters. Plants are extremely early and bear flowers larger than ordinary Queens, with a distinctive crested center. It is this full center which makes the Ballet type very double. This strain is extremely wilt resistant and is available in a full mixture of colors. The earliest of all Asters and fine for early market cutting. Choice mixture. Tr. pkt. 50c; 1/4 oz. 75c; oz. \$2.50.



QUEEN OF THE MARKET

Heart of France

Ruby red. Excellent for cutting. Tr. pkt. 40c; 1/4 oz. \$1.25; oz. \$3.75.

Non Wilt-Resistant Strains IMPROVED CALIFORNIA GIANT

A fine variety with flowers of the Crego type and with the habit of growth and long stems of the Beauty type. The large flowers stand up well when shipped as cut flowers.

Choice Mixed. Tr. pkt. 40c; 1/4 oz. \$1.00; oz. \$3.25.

SINGLE GIANT CALIFORNIA SUNSHINE

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

Choice Mixed Tr. pkt. 1/4 oz. Oz.
 \$0.40 \$1.00 \$3.00



Aster Tips

The Outdoor Culture of Asters

The term "Aster Resistant" is applied to these varieties that have been bred to resist the virus, **Aster Yellow** which is transmitted by the leaf hopper and the Aster Bug. Although this resistance will vary in different localities the resistant varieties are more satisfactory than the non-resistant strains.

Experience has taught that at the time of planting the ground should be sterilized, if this is not possible the location of the planting should be altered. Seed should be sown six weeks before the planting date, banded and planted out or benched. For high quality flowers a cloth or plastic covering should be used.

The Indoor Culture of Asters

The greenhouse production of off-season Asters is becoming more popular and profitable every year. As a spring crop it is more of a moneymaker than some of the other popular spring cut flowers. Asters can also be flowered any time of the year using a similar arrangement as that used for Mums. The only exception is the period from May 1st to September 1st, during which time the day length is long enough to permit bud initiation, however it is recommended that plants be given additional light during this period to insure proper growth and prevent a delay in flowering.

On a four foot bench 60-Watt lamps spaced six feet apart and between 20 to 25 inches above the plants will give sufficient light for this crop.

Cultural Practices

A. Seed Sowing

Vermiculite is considered one of the best mediums in which to sow the seed. A night temperature of 60 degrees is maintained until the seeds begin to sprout. The seedlings are then moved to 50 degree temperatures and the lights applied according to the time of year.

B. Seedlings

One of the disadvantages of Asters is the fact that they cannot be direct benched due to the high losses of seedlings. It is necessary to band them and then replant in the bench spacing 8 by 8 or 10 by 10. Lights must be applied nightly during short days until plants begin to show color.

C. Disbudding

All side growth should be removed to the top four shoots and later these also disbudded. This is to insure high quality flowers.

D. Insect Control In the Greenhouses

Armite gives the most satisfactory results. Some insecticides have a tendency to burn the foliage and these should be avoided.

The following year 'round schedule is adaptable where 50 degree night temperatures are maintained.

Sow Seeds	Pot	Bench	Approximate Flowering Date
July 15th	August 10th	September 15th	January
August 15th	September 10th	November 1st	February
September 10th	October 1st	December 1st	March
October 20th	November 15th	January 1st	April
December 20th	January 10th	March 1st	May
February 1st	February 20th	April 1st	June
March 15th	April 10th	May 15th	July
April 20th	May 10th	June 15th	August
May 20th	June 10th	July 15th	September
June 10th	July 1st	August 15th	October
June 20th	July 15th	August 20th	November
July 10th	August 1st	September 1st	December

BALSAM - Lady-Slipper

3,300 seeds per ounce.

	Trade pkt.	Oz.
Camellia-Flowered, Choice Mixed	\$0.30	\$1.50
Double Bush-Flowered, Choice Mixed	1/4 oz. 75c.	.40 2.25

BELLS OF IRELAND

(Molucella Laevis)

4,200 seeds per ounce.

Ⓜ The only true green flower. This easily grown annual is base branching, producing stems about 2 ft. long surrounded by 2-in. bell-shaped flowers containing a white corolla.

Easily grown on greenhouse benches, in pots or outdoors in the summer. Last well when cut, also can be dried.

Tr. pkt. 40c; 1/4 oz. \$1.00; oz. \$3.00.

BROWALLIA

111,000 seeds per ounce.

Tr. pt. 1/16 oz. 1/8 oz.

Elata. Blue. 1 1/2 ft. \$0.40 \$1.10 \$2.00

Ⓜ Speciosa (major). Most desirable variety as a pot or basket plant. Rich blue flowers. 1.20 3.60 6.60

CACTUS SEED

Choice Mixture of many varieties.

Tr. pkt. (400 seeds) 65c; 1/4 oz. \$2.00; oz. \$6.00.

CALLIOPSIS, Annual Varieties

100,000 seeds per ounce.

	Trade pkt.	Oz.
Dwarf Mixed	\$0.25	\$1.00
Tall Mixed	.25	1.00

CANARY-BIRD VINE - Tropaeolum

Trade pkt. Oz.

Canariense. Flowers bright canary-yellow. A fine climber for shade \$0.25 \$1.00

CALCEOLARIA

1/64 ounce, 10,000 seeds.

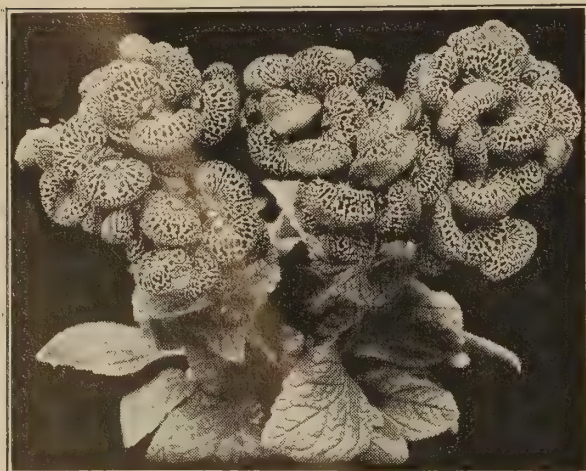
A most decorative pot plant which finds ready sale if well grown. The strains we offer cannot be excelled.

1/2 trade Trade 1/64
pkt. pkt. oz.

Ⓜ Michell's Ramona. An exceptionally free-flowering variety of dwarf compact habit. Flowers are large, well shaped, and beautifully tigered. The mixture contains a fine range of colors in bronze, yellow, and red 1/128 oz. \$4.00 \$1.25 \$2.00 \$7.20

Hybrida grandiflora compacta. An attractive tigered and spotted mixture. Dwarf growing. 1.25 5.00

Ⓜ Hybrida multiflora nana. A fine free-flowering type, with average-size blooms about 1 1/2 inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft. 1/128 oz. \$4.00 2.00 7.20



CALCEOLARIA, Ramona

CALENDULA - Pot Marigold

Forcing Varieties

3,000 seeds per ounce.

Trade pkt. 1/4 oz. Oz.

Ⓜ Michell's Sunbeams. Michell Novelty. Exquisite blending of many delightful shades and color combinations, from pale cream to deep orange	\$0.50	\$1.00	\$3.00
Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center	.50	1.00	3.00
Ⓜ Michell's Special Forcing Orange. An extra-fine strain. Very large, double flowers of deep orange.	.50	1.00	3.00
Ⓜ Ball Gold. Long-stemmed, deep golden yellow	.50	1.00	3.00
Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center	.50	1.00	3.00
Ⓜ Ball Long Orange. Long-stemmed; orange with light center	.50	1.00	3.00
Ball Orange. Large, double, glowing orange flowers on long stems	.50	1.00	3.00
Ball Mixture	.40	.80	2.40

Bedding Varieties

Trade pkt. Oz. 1/4 lb.

Ⓜ Pacific Beauties. A new strain with very large flowers on long, upright stems. The colors comprise shadings from pale lemon-yellow-buff to deep orange. Excellent for cutting. Splendid mixture.	1/4 oz. 60c.	\$0.40	\$2.00	\$6.50
Ⓜ Lemon King	.25	1.00	3.00	
Ⓜ Orange King	.25	1.00	3.00	
Mixed	Lb. \$7.00	.25	1.00	3.00

CANDYTUFT - Iberis

9,500 seeds per ounce.

Excellent edging plants and also valuable for cutting.

Ⓜ Michell's Giant White. This giant variety, which produces immense pure white spikes of bloom, is a very superior strain. Individual bracts are large and the plants of strong, robust habit. The best strain for forcing under glass for cutting and for pot culture.

Trade pkt. 50c; oz. \$1.50; 1/4 lb. \$5.00; 1/2 lb. \$9.00.

Crimson.

Ⓜ Empress (Hyacinth-flowered).

Large; white.

Lavender.

Pink. Flesh-color.

Rose-Cardinal. Brilliant rosy red.

Mixed. All colors.

Each of the above: Tr. pkt. 30c; oz. 80c; 1/4 lb. \$2.75.

CARDINAL CLIMBER

1,000 seeds per ounce.

Trade pkt. Oz.

Ⓜ Quamoclit Sloteri. Rapid-growing annual climber, bearing a profusion of cardinal-red flowers. For good germination, a small notch should be filed or cut in each seed. \$0.25 \$2.00

CARNATION, Annual Varieties

14,000 seeds per ounce.

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Excellent for cutting.

Ⓜ MARGUERITE, MICHELL'S GIANT-FLOWERING ALL-DOUBLE EXTRA-SELECT STRAIN. This is an excellent cut-flower variety. Large, fully double flowers in a beautiful range of colors.

Trade pkt. 50c; 1/4 oz. \$1.00; oz. \$3.00.

Chabaud's Everblooming.

Ⓜ Jeanne Dionis. White.

Marie Chabaud. Yellow.

Ⓜ Sparkler. Cardinal-red.

The Pearl. Rose-pink.

Choice Mixed.

Each of the above, trade pkt. 40c; 1/4 oz. \$1.25; oz. \$3.75.

Giant Enfant de Nice. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2 1/2 to 3 inches in diameter. This strain is magnificent.

Red. Blood-red.

Rose. Deep rose.

Salmon. Light.

White.

Mixed.

Each of the above: Tr. pkt. 50c; 1/8 oz. \$2.25.

Early Dwarf Vienna. Annual. A dwarf early blooming type, very free flowering choice mixture.

Tr. pkt. 50c; 1/8 oz. \$1.50; 1/4 oz. \$2.50.



Better Flower Seeds

CENTAUREA

Cyanus - Cornflower

6,500 seeds per ounce.

Special Florists' Super-Giant Strain. We offer the following improved Giant Cornflowers, the blooms of which are fully double, with clear colors and long stems, making this strain an extra-fine one for florists' cut-flower purposes.

Ⓜ **Michell's Blue Bonnet (Improved Blue Boy).** A superior strain with large, deep blue, very double flowers. Trade pkt. 25c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50.

Blue Boy. Deep cornflower-blue.

Snow Man. Pure white.

Ⓜ **Pinkie.** Clear deep pink.

Choice Mixture.

Red Boy. The best deep red.

Each of above: Tr. pkt. 20c; ½ oz. 40c; oz. 65c; ¼ lb. \$2.20; lb. \$6.50.

Ⓜ **Jubilee Gem.** Dwarf type, free flowering, fine for pots or borders. 1 ft.

Trade pkt. 30c; ¼ oz. 50c; oz. \$1.50.

White-Leaved - Dusty Miller

Excellent for borders, vases, baskets, etc.

	Tr. pkt.	¼ oz.	Oz.
Candidissima. Broad-cut, silvery gray foliage.....	\$0.50	\$1.10	\$3.75
Gymnocarpa. Fine-cut silvery foliage.....	.20	.35	1.00

Large-Flowering Cut-Flower Sort

	Trade pkt.	Oz.
Americana. Handsome large flowers. Lilac-purple....	¼ lb. \$3.50	\$.025 \$1.00
Americana alba. Pure white.....	¼ lb. 3.50	..25 1.00

CELOSIA - CRISTATA or COCKSCOMB

28,000 seeds per ounce.

Ⓜ **TOREADOR.** All-America Winner for 1955. A new, lustrous, bright red with scarlet highlights. Absolutely uniform, about 20 inches tall. Tr. pkt. 75c; ¼ oz. \$2.00; oz. \$6.00.

Tr. pkt. ¼ oz.

GILBERT'S MAPLE GOLD. Grows 2 to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shaped cluster. The maple-pink heads vary in color from light to dark pink tipped with gold. Original pkts. only..\$0.50

Ⓜ **Royal Velvet.** All-America Winner. Large center heads of rich ruby-red of velvety texture..... .50 1.00

Giant Empress. Dwarf. Bright crimson. Dark foliage..... .40 .80

Choice Mixed. Dwarf sorts..... .40 .80

PLUMOSA or FEATHERED

A fine decorative plant for the garden; also excellent for cutting.

Ⓜ **Brilliancy.** New. Long shiny crimson shaded scarlet plumes. A feathered Celosia of great merit. Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

Ⓜ **Forest Fire.** New. Brilliant plumes of fiery orange-scarlet contrast strikingly with the bronzy red foliage. Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

Pampas Plume. Big fleecy, feathery flowers in all the brilliant colors of autumn leaves; gold, copper, deep red, scarlet, henna and carmine. Grows 30 in. high, blooms approximately 75 days from seed, heat loving and pest free. Wonderful cut flower.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$8.50.

Tr. pkt. ¼ oz.

Ⓜ **Golden Fleece.** Plumes are large and dense, the color bright gold changing to dark orange. Long cutting stems—dozens of them to the plant. A wonderful florist's cut flower as well as a showy border plant..... 1 oz. \$4.50..\$0.50 \$1.50

Tr. pkt. ¼ oz. Oz.

Ⓜ **Fiery Feather (Lilliput).** Extra select dwarf strain; color brilliant orange-red, fine for pots..... \$0.30 \$1.30 \$4.25

Ⓜ **Golden Feather (Lilliput).** Same type as above, with bright golden yellow flowers..... .30 1.30 4.25

Golden Plume. Deep golden yellow..... .30 .60 2.00

Pride of Castle Gould, Mixed..... .40 .75 2.50

Scarlet Plume..... .30 .60 2.00

Choice Mixed..... .30 .60 2.00

CLEOME - Spiderflower

13,800 seeds per ounce.

Ⓜ **Giant Pink Queen.** Silver Medal, All-America Selections. Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is a hardy annual easily grown from seed planted directly in the border or garden. It blooms abundantly from midsummer to late fall. Height 3 to 4 feet.

Tr. pkt. 35c; ¼ oz. 55c; oz. \$1.90.

Helen Campbell. (New.) A sport of Pink Queen with glistening pure white flowers. Slightly earlier and larger than the Pink.

Tr. pkt. 50c; ¼ oz. 90c; oz. \$2.70.



CENTAUREA CYANUS

CINERARIA

See next page.

CLARKIA elegans, Double

100,000 seeds per ounce.

A popular annual of easy growth, much used for cutting, both indoors and out.

Selected Mixture.

Trade pkt. 25c; ¼ oz. 75c; oz. \$2.25.



CELOSIA, Golden Fleece

CHRYSANTHEMUMS, Annual

9,500 seeds per ounce.

Trade pkt. Oz.

Single Mixed (Rainbow)..... \$0.25 \$2.00

CINERARIA

1/32 oz., 6,000 seeds.

® CREMER'S PRIZE STRAIN, WILT RESISTANT

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Tr. pkt. \$1.95; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.25.

® SITER'S RAINBOW STRAIN

Mixed. Large flower heads of medium-sized individual florets in an excellent color range.

Trade pkt. \$2.00; 1/64 oz. \$2.75; 1/32 \$5.00; 1/16 oz. \$9.00.

Multiflora Nana Potsdam and Berlin Market Strain

Very dwarf and compact. Large flowers produced in great profusion and in a range of fine colors.

Mixed Colors. 1/2 trade pkt. 60c; trade pkt. \$1.00;
1/64 oz. \$2.00; 1/32 oz. \$3.75.

Multiflora Grandiflora Maxima

This new Hybrid is a cross between Multiflora nana and Grandiflora. Individual florets measure 2 to 3 inches in diameter and are produced in quantities of 100 blooms and over to the plant. We offer it in mixed colors only.

1/2 trade pkt. 60c; trade pkt. \$1.00; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

GOLD CENTER MULTIFLORA NANA

Attractive medium size flowers with gold centers. Choice mixed.

Tr. pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

MARITIMA CANDIDISSIMA (Dusty Miller)

White-leaved foliage plant much in demand for bedding, vases, baskets, etc.

Trade pkt. 25c; oz. \$1.00.



CINERARIA, Cremer's Prize Strain

COBAEA scandens - Cup-and-Saucer Vine

375 seeds per ounce.

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

Purple Tr. pkt. 40c; 1/4 oz. 60c; oz. \$1.80.

COLEUS, Large-Leaved Varieties

100,000 seeds per ounce.

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

Glory of Vichy. A beautiful mixture of apricot, bronze, pink and cream shades. A really fine strain with splendid form.

Trade pkt. 75c; 1/16 oz. \$2.50; 1/8 oz. \$4.00; 1/4 oz. \$7.00.

® **Rainbow Mixture.** An excellent mixture.

Tr. pkt. \$1.00; 1/32 oz. \$2.50; 1/16 oz. \$4.00; 1/8 oz. \$7.50; 1/4 oz. \$12.00.

Choice Mixture. Tr. pkt., 50c; 1/8 oz. \$2.00; 1/4 oz. \$3.50.

CONVOLVULUS - Morning Glory

1,400 seeds per ounce.

Clarke's New Improved Early Blue Trade pkt. Oz. 1/4 lb. Lb.
\$0.25 \$0.75 \$2.25

Imperial Mixed20 .60 2.00



COSMOS, Fiesta

COSMOS

Extra Early Sensation Mixed

5,000 seeds per ounce.

This new strain of Sensation Cosmos will bloom fully 2 weeks earlier than the regular variety. The plant habit is more graceful and slightly more dwarf than the regular strains. Flowers 4 to 4 1/2 inches across, made up of 7 to 8 overlapping petals forming a dish-like flower. Contains a full range of colors available in this popular flower.

Tr. pkt. 40c; 1/4 oz. 75c; oz. \$2.50.

® **FIESTA.** 2,800 seeds per ounce. Early, heat-loving, easy to grow, Fiesta makes a compact 2 1/2-ft. plant with a riot of bloom all summer. Flowers are semi-double, ruffled, a true fiery scarlet, borne like tropical birds amidst lacy foliage. Tr. pkt. 40c; 1/4 oz. \$1.20; oz. \$3.60.

Double Sensation Mixed. Two types, fluted and crested. The crested type has a large, 2-inch crested center and the fluted are so double they resemble a Camellia.

Tr. pkt. 50c; 1/4 oz. \$1.60; oz. \$4.80.

Single Sensation

Early, giant-flowering single variety. Blooms large, 4 to 6 inches across. Height 6 feet.

	Trade	Oz.
Cardinal. Crimson	\$0.30	\$1.50
Pinkie. Light pink .....	.30	1.50
Purity. Pure white .....	.30	1.50
Mixed .....	.30	1.50

RADIANCE. Silver Medal, All-America Selections. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large, well-defined zone of rich crimson.

Tr. pkt. 30c; oz. \$1.20.

Single Late-Flowering

Giant-Flowering.

Mixed.

Each of above: Tr. pkt. 25c; 1/4 oz. 50c; oz. \$1.60.

CYNOGLOSSUM

5,300 seeds per ounce.

® **FIRMAMENT.** Dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Trade pkt. 1/4 oz. Oz.
\$0.25 \$0.40 \$1.35

CYPRESS VINE - Ipomoea Quamoclit

Mixed Trade pkt. Oz.
\$0.25 \$2.00



CYCLAMEN

CYCLAMEN

MICHELL'S GIANT IMPORTED SHOW

Note.—Smallest quantity available is 100 seeds of a variety. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
No. 1. Dark Blood-red	\$2.50	\$20.00
Ⓜ No. 2. Bright Red	2.50	20.00
Ⓜ No. 3. Pure Rose	2.50	20.00
No. 4. Rose of Marienthal. Bright pink	2.50	20.00
No. 5. White with Carmine Eye	2.50	20.00
Ⓜ No. 6. Pure White	2.50	20.00
Ⓜ No. 7. Bonfire. Brilliant scarlet	2.50	20.00
No. 8. America. Salmon-scarlet	2.50	20.00
No. 9. Improved Salmon-Rose	2.50	20.00
Ⓜ No. 10. Glory of Wandsbek. Salmon-red	2.50	20.00
Ⓜ No. 11. Rose of Zehlendorf. Salmon-pink	2.50	20.00
Ⓜ Choice Mixture	2.00	15.00

VOGT'S DOUBLE-FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant. Available in original packets of 100 seeds.

Mixed Colors. 100 seeds \$3.75; 1000 seeds \$27.50.
The above prices on Cyclamen are net and subject to market changes.

DAHLIA

2,800 seeds per ounce.

Easily grown from seed, will bloom first year if sown early.

Ⓜ Michell's Alldouble Dwarf Hybrids

A new strain which will produce 100 per cent all-double flowers and in a very wide range of selected colors. This is an excellent cut-flower variety; also makes a fine item for pot plants.

Trade pkt. 75c; ¼ oz. \$2.50; oz. \$8.00.

	Trade pkt.	Oz.
Ⓜ Unwin's Dwarf Hybrids, Mixed. Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of charming colors. Fine for bedding. Requires no stakes and may be planted 18 to 20 inches apart.	¼ oz. 80c; ¼ lb. \$7.50..	\$0.40 \$2.50
Double Cactus. Choice mixture, all colors. ¼ oz. \$2.50..	1.00	8.00
Double California Giants, Mixed. A selection from named varieties grown by a celebrated producer in California.	¼ oz. \$3.00..	1.00 11.00
Double Large-Flowering, Mixed. Show type.	¼ oz. \$1.00..	.50 3.50
Coltness Hybrids, Mixed. Dwarf single type. Very free flowering. Choice mixture. 2 ft.	¼ oz. 50c..	.25 1.75

Ⓜ Varieties preceded with this symbol are especially recommended.

DIANTHUS - Pinks

25,000 seeds per ounce.

Trade pkt. Oz.

- Ⓜ **Heddensis, Finest Mixed.** All-America Award Winner. Westwood Beauty is now offered in the full range of Dianthus colors. Well-formed 2-inch flowers on long 16-inch stems, fine for cutting ¼ oz. 60c.. \$0.30 \$2.00
- Ⓜ **Sweet Wivelsfield.** Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer. Mixed25 1.10

Double Annual Varieties

- Chinensis Mixed.** China or India pink ... ¼ lb. \$3.00.. .25 1.10
- Fringed, Mixed.** Large flowers.25 1.25

DELPHINIUM

Chinense grandiflorum (Annual)

20,000 seeds per ounce.

Trade pkt. Oz.

- Ⓜ **Blue Mirror.** Bright navy blue flowers without spurs. Can be treated as an annual, also perennial. Excellent for cutting ¼ oz. \$1.25.. \$0.55 \$3.75
- Ⓜ **Cambridge Blue.** Azure-blue. 3 ft. ¼ oz. \$0.90.. .30 2.70
- Chinense, Finest Mixed** ¼ oz. \$0.90.. .30 2.70

DIDISCUS - Blue Lace Flower

10,300 seeds per ounce.

Coerulea. (Improved Strain.) Flowers 1½ to 2 inches, very free flowering; light bluish lavender flowers. Ideal for spring forcing.

Tr. pkt. 30c; ¼ oz. 80c; oz. \$2.40.

DIMORPHOTHECA

10,000 seeds per ounce.

Trade pkt. Oz.

- Aurantiaca hybrida.** African Orange Daisy. Various colors. 1 ft. ¼ oz. \$0.50.. \$0.30 \$1.75

DRACAENA

1,500 seeds per ounce.

Trade pkt. Oz. ¼ lb.

- Indivisa.** Narrow green leaves. The popular center plant for vases. Lb. \$6.00.. \$0.20 \$0.60 \$1.75
- DUSTY MILLER.** See *Centaurea* and *Cineraria maritima*.



UNWIN'S DWARF HYBRID DAHLIAS

ESCHSCHOLTZIA - California Poppy

15,000 seeds per ounce.

Trade pkt. Oz.

Choice Mixed\$0.30 \$1.00

EXACUM AFFINE

1,000,000 seeds per ounce.

A fine greenhouse pot plant which produces richly fragrant violet-blue flowers. This neat and attractive plant will flower in 6 months from seed. Height 9 inches. Tr. pkt. \$1.25; 1/128 oz. \$3.00; 1/64 oz. \$5.50.

GAILLARDIA

Annual Varieties

15,000 seeds per ounce.

Useful for cutting or for the mixed border.

Trade pkt. Oz.

Indian Chief. Single; brilliant bronzy red. 1/4 oz. 50c. \$0.25 \$1.50

® Double Annual, Mixed (G. pulchella picta Lorenziana)1/4 oz. 50c. .25 1.50

GERANIUM

6,200 seeds per ounce.

Zonale, Mixed. Single.1/4 oz. \$2.00. .60 6.00

GERBERA - Transvaal Daisy

Fine greenhouse perennials with large, daisy-like flowers. Excellent for pot plants or for cutting.

100 1000

seeds seeds

Jamesoni hybrida. These hybrids include many brilliant colors and shades.\$0.50 \$3.50

GLOXINIA

1/32 oz. 25,000 seeds.

Trade pkt.

® Hybrida grandiflora. French Hybrids. Our seed is saved from selected plants of a collection grown by a celebrated specialist.1/2 trade pkt. 75c. \$1.25



GYPSOPHILA, New York Market

GYPSOPHILA elegans grandiflora

Baby's Breath

24,000 seeds per ounce.

Oz. 1/4 lb. Lb.

New York Market. Fine pure white variety; large, extra-petaled flowers. Strong growth.\$0.40 \$1.00 \$3.00

® Covent Garden Market (London Market). (Improved Strain.) Very large pure white flowers with 6 to 8 petals. We consider this the best variety on the market30 .85 2.50

® Paris Market Strain. A popular standard sort. Very early30 1.20 3.60

Elegans carminea. Bright carmine-rose.Tr. pkt. 30c. 1.20 4.00

GOMPHRENA - Globe Amaranth

5,500 seeds per ounce.

Also called "Bachelor's Button's." A useful Everlasting for bedding, also for cutting.

Trade pkt. Oz.

® Buddy. Dwarf purple, an excellent strain for pot plants or borders. Uniform, ball-shaped plants 6 inches tall, very long blooming.1/4 oz. \$1.00. \$0.60 \$3.00
Globosa. Tall. Red-purple.1/4 oz. \$0.50. .30 1.50
® Mixed. All colors.25 1.00

GREVILLEA - Silk Oak

3,000 seeds per ounce.

Trade pkt. Oz.

Robusta. A fine foliage plant. Makes an ideal base for made-up holiday baskets. Easily raised from seed.1/4 oz. \$1.35. \$0.40 \$4.00

GOURDS, Ornamental

Large Sorts, Mixed25 .90
Small Sorts, Mixed25 .90

HELIOTROPE

50,000 seeds per ounce.

Highly prized on account of the delightful fragrance of the flowers. Excellent for pots or bedding.

® Marine. Dark navy blue with rich green foliage. Huge flower heads 12 to 15 inches across. Early flowering. Excellent for bedding or pots. Very fragrant.Tr. pkt. 50c; 1/16 oz. \$1.00; 1/4 oz. \$3.50.
Trade pkt. Oz.

Choice Mixed1/4 oz. \$0.75. \$0.40 \$2.50

HELICHRYSUM bracteatum monstrosum

36,000 seeds per ounce.

Strawflower

Tr. pkt. 1/4 oz. Oz.

Choice Mixed\$0.25 \$0.40 \$1.40

HOLLYHOCK, Double Annual

3,800 seeds per ounce.

® Indian Summer. All-America Bronze Medal Winner. New double Hollyhock that blooms in the summer from seed sown early in spring; also can be treated as a perennial. Choice Mixed.
Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$4.50.

HUNNEMANNIA - Yellow Tulip Poppy

7,000 seeds per ounce.

Trade pkt. Oz.

Sunlite. Semi-double, bright canary-yellow flowers. Gray-green foliage.1/4 oz. 50c. \$0.25 \$1.75



IMPATIENS

IMPATIENS - Sultan's Balsam

66,000 seeds per ounce.

® Dwarf Deep Scarlet. Carmine-scarlet changing to deep salmon-scarlet, dwarf compact free flowering habit.

Tr. pkt. \$1.50; 1/32 oz. \$3.00; 1/16 oz. \$5.75; 1/8 oz. \$10.50

® Dwarf Salmon. Same as above except color, which is a salmon-orange.
Tr. pkt. \$1.50; 1/32 oz. \$3.00; 1/16 oz. \$5.75; 1/8 oz. \$10.50

® Dwarf Sultani Mixture. Compact and free flowering plants in a bright mixture.
Tr. pkt. \$1.50; 1/32 oz. \$3.00; 1/16 oz. \$5.75; 1/8 oz. \$10.50

Holsti. Vermilion-red.

Holsti New Hybrids. Various colors.

® Sultani Hybrids. Various colors.

Each of the above: Tr. pkt. 60c; 1/16 oz. \$1.10; 1/8 oz. \$2.00.



MORNING GLORY, Pearly Gates

IPOMOEA

650 seeds per ounce.

Trade pkt. Oz.

Ⓜ **CANDY PINK.** Just think—here is the first giant-flowered pure bright pink Morning Glory you ever saw. Big 4 in. diameter flowers of the purest and brightest pink color imaginable—a sparkling, fresh, pure rose-pink-salmon. Climbs 15 feet in height. Flowers continuously all summer 1/4 oz. 50c. \$0.25 \$1.65

Ⓜ **BLUE STAR.** Honorable Mention, All-America Selections. A distinct shade of clear sky-blue accentuated by the five deeper blue midribs to form an attractive star40 1.50

Ⓜ **PEARLY GATES.** Silver Medal, All-America Selections. The flowers of this variety are a lovely lustrous white with cream shading deep down in the throat and average 4 1/2 inches across40 1.50

Ⓜ **Scarlett O'Hara.** Gold Medal, All-America Selections. A new early-flowering variety with blooms 3 to 4 inches across and of a vivid scarlet color. Will begin to bloom in about 65 days from seed.25 1.25

Heavenly Blue Morning Glory, Clarke's Early Improved 1/4 lb. \$2.25. .25 .75

Noctiflora. Moonflower. Large; white. 1/4 lb. \$1.50. .20 .50

HEARTS AND HONEY

Ⓜ **Magic Flower Vine.** Changes color 3 times a day. One of the most unusual flowers ever offered—pretty as a picture. Easily grown anywhere. Flowers 7 weeks after sown and blooms continuously until frost. In early morning flowers are a brilliant orange, towards noon they become a pinkish red and in later afternoon a clear bright shade of rose-pink with a white center 1/4 oz. 75c. .40 2.50

KALANCHOE

2,240,000 seeds per ounce.

Trade 1/64
pkt. oz.

Ⓜ **BRILLIANT STAR.** (Hybrid.) An excellent pot plant with flowers 3 times the size of regular varieties, and of a brighter fiery red color. The foliage is restricted to the base of the plant, which allows development of flower stems 7 inches long, especially good for cutting ... \$1.00 \$4.00

Tom Thumb. A dwarf compact strain of this popular succulent producing perfectly rounded symmetrical plants, literally covered with bright scarlet flowers. A January or February sowing will produce fine 4-inch specimens for next winter's sale 1/128 oz. \$3.00. 1.50 5.50

KOCHIA - Summer Cypress

45,000 seeds per ounce.

Trade pkt. Oz.

Childsi. An improved strain. \$0.15 \$0.50

LANTANA

1,300 seeds per ounce.

Hybrida Choice Mixed. Sow seed early, and with bottom heat 1/4 oz. 60c. .30 2.00

LINARIA

462,000 seeds per ounce.

Fairy Bouquet Mixed. Dwarf. Large flowering. Choice mixture 1/4 oz. 50c. .25 1.50

LOBELIA

700,000 seeds per ounce.

One of the best plants for edging beds, or for pots, baskets, and vases. Seed should be sown early.

Sutton's Cambridge Blue. Large, bold flowers of a light blue shade. Dwarf, compact growth. Green foliage.

Ⓜ **Michell's Blue Stone.** Dwarf, compact growth. Bright blue.

Ⓜ **Crystal Palace Compacta.** The leading dwarf variety. Dark blue flowers and dark foliage.

Crystal Palace Speciosa. The best trailing sort for baskets and vases. Deep blue flowers.

Mrs. Clibran. Dwarf. Deep blue flowers with white eyes.

Sapphire. Deep blue, white eye. Trailing.

Each of the above, trade pkt. 50c; 1/4 oz. \$1.25; oz. \$3.75.

LUPINUS, Annual Dwarf

1,300 seeds per ounce.

Trade pkt. Oz.

Very attractive and popular as a cut flower.

Ⓜ **PIXIE DELIGHT.** A new type, dwarf growing Lupin, very free flowering in a wide range of colors. This is something different and should find a place in every garden. 1/4 oz. 60c. \$0.30 \$2.00

HARTWEGI (KING)

An improved strain, 3 to 4 feet high, with base-branching habit.

King Blue. Enormous spikes of rich Oxford-blue color.

King Sky-Blue. Clear light blue.

King White. Glistening pure white; giant spikes.

Choice Mixture.

Each of the above, trade pkt. 25c; oz. \$1.00; 1/4 lb. \$3.00.



LOBELIA, Blue Stone

Michell's

Larkspur

8,000 seeds per ounce.

This very popular annual for cutting can be grown either outdoors or in the greenhouse. The most successful method for spring flowering is to sow the seed in the open ground approximately 1 inch apart. One ounce will sow a 600-foot row. The young seedlings can be protected with a mulch, although in many sections of the country this is not necessary. Select a location with good drainage. For growing under glass they are excellent to follow late Mums. Seed is sown in late December to early January. Seedlings will have to be banded or potted. Plants are benched 10x10 and grown in 45°-50° temperatures.

® New Supreme Strain

This new giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than existing types. This variety is especially fine for greenhouse growing.

Light Blue Supreme. Clear heavenly blue.

Dark Blue Supreme. Rich violet-purple.

Lilac Supreme. The best clear lilac to date.

Pink Supreme. Clear bright rose-pink.

Rose Supreme. Clear deep rose.

Salmon Supreme. A true salmon-pink.

White Supreme. Pure white.

Choice Mixed.

Each of the above, trade pkt. 40c; ½ oz. \$1.00; oz. \$1.80; ¼ lb. \$6.00; lb. \$18.00.

Giant Imperial Varieties

Identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft.

® **Brilliant Rose.** The finest florist rose-pink to date.

Blue Bell. Clear light blue.

Blue Spire. An intense deep Oxford blue.

Deep Carmine King, Improved. A larger, more beautiful Carmine King, which will hold its color under the most trying conditions.

Exquisite Pink, Improved. Beautiful salmon-pink. Comes practically 100% true.

Lilac King. A true lilac shade.

Lilac Queen. Rich lilac, shading lavender-blue.

Lilac Spire. Bright lilac.

Pink King. Soft, warm salmon-rose.

Pink Perfection. Lively shade of light pink. Large florets.

Sweet Lavender. Light lavender-blue.

White King. (Improved.) All-America Winner. Giant pure white flowers on long spikes.

White Spire. Pure white.

Mixed.

Each of the above, trade pkt. 30c; oz. \$1.60; ¼ lb. \$5.25; lb. \$16.00.

PLEASE NOTE.—The pound rate will apply only where ½ pound or more of a variety is ordered.



LARKSPUR,
Imperial

LARKSPUR, Supreme





MATRICARIA, Ball Strain

MARIGOLDS

See pages 22 and 23.

MIGNONETTE

27,000 seeds per ounce.

For a spring cut, sow in January. Very fragrant.

	Trade pkt.	Oz.
® Ball Forcing Strain. Colossal spikes. The best variety for forcing	1/4 oz.	\$1.00 \$0.40 \$3.00
New York Market. A selected florists' strain	1/4 oz.	50c. .25 1.50
Sweet-Scented. Large flowering	1/4 lb.	\$1.50 .50

MIRABILIS JALAPA

350 seeds per ounce.

Marvel of Peru; Four O'clock

	Oz.	1/4 lb.
Mixed Colors	\$0.40	\$1.25



NIEREMBERGIA, Purple Robe

NASTURTIUMS, Double Varieties

175 seeds per ounce.

Dwarf Double Art Shades. The most brilliant mixture yet introduced. Plants are of dwarf, compact habit with the flowers well above the foliage. Excellent for borders.

Dwarf, Golden Globe. Identical in color to the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented.

Dwarf, Scarlet Globe.

Dwarf Gem Mixture. Semi-double, sweet-scented flowers in an excellent color range.

® **Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers, excellent for cutting and growing in pots in the greenhouse.

® **Scarlet Gleam.** (Bodger.) Fiery scarlet, 3 inches across and uniformly double, with lush green foliage.

® **Gleam Hybrids.** (Bodger.) These are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.

Each of the above: Oz. 45c; 1/4 lb. \$1.25; 1 lb. \$4.00.

Dwarf or Tom Thumb Single Variety

240 seeds per ounce.

	Oz.	1/4 lb.	1 lb.
Michell's Giant-Flowering, Mixed	\$0.40	\$1.00	\$3.00

Climbing or Trailing Variety

Michell's Giant-Flowering, Mixed40	1.00	3.00
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NASTURTIUM, Double Golden Gleam

NEMOPHILA

Trade pkt. Oz.

Insignis, Blue. A pretty annual growing about 8 inches high, with light blue flowers. \$0.25 \$1.00

NICOTIANA - Ornamental Tobacco

210,000 seeds per ounce.

Tr. pkt. Oz.

Miniature White (N. suaveolens). A dwarf type growing 1 1/2 feet high, with miniature white, very fragrant flowers. 1/16 oz. 85c. \$0.50

® **Affinis.** (400,000 seeds.) Large, white, fragrant flowers. 2 1/2 ft.25 1.00

Affinis Hybrids, Mixed. 2 1/2 ft.25 1.00

® **Crimson Bedder.** Rich deep crimson. Dwarf. 1/4 oz. 60c.25 2.00

NIEREMBERGIA

Trade pkt.

1/32 oz. 5,000 seeds.

Hippomanica. Dwarf Cup-Flower. A lovely new annual, growing 5 to 6 inches tall, and completely covered with small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the center. 1/32 oz. \$1.35. \$0.50

® **Purple Robe.** Bronze Medal, All-America Selections. A very fine deep violet-purple form of Hippomanica. This form maintains its deep color, does not fade, has a neat, compact, free-flowering habit and blooms from seed in 15 weeks. Plants grow 4 to 6 inches high. 1/32 oz. \$1.75. .60



DAINTY MARIETTA

Dwarf Single French. Soft golden yellow flowers colored mahogany at the base of each petal. Plants are dwarf and compact and will bloom extremely early, making it ideal for flat growers. Free flowering.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50.

DWARF SINGLE FRENCH

Brownie. The mahogany-red petals are edged with a thin line of gold further enhancing the warm color. Very free flowering, blooms 2 inches in diameter, long flowering season.

Tr. pkt. 30c; ¼ oz. \$1.25; oz. \$4.00.

Ⓜ **Flash.** The flowers are brilliant tangerine and marigold, later turning to golden orange.

Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.

Naughty Marietta. Flowers 2 to 2½ inches in diameter. 12 inches tall and 16 inches across, completely covered with bright golden yellow flowers, attractively marked with mahogany at the base of the petals.

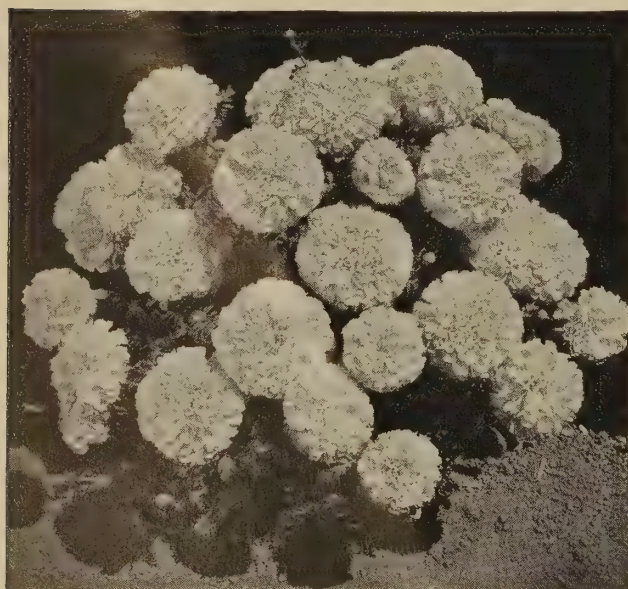
Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.

Ⓜ **Red Head.** The plants grow very vigorously—forming a compact row 15 inches high and 20 inches across. Flowers 2 in. across, rich mahogany.

Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.

Sunny. Cheerful, single, bright yellow flowers, about 2 in. across, with attractive wavy edges. Plants are well rounded, 15 in. tall, 16 inches across.

Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.



LEMON DROP

MARIGOLDS

Dwarf Types for Bedding

9,000 seeds per ounce.

Ⓜ PETITE MARIGOLD

All-America Selection 1958.

All-America Selection 1958. Dwarf Double French type excellent for bedding. These new Marigolds are very early flowering and will actually start to bloom when only 3 inches high. Will grow to a height of 5 to 6 inches with a 10-inch spread. A significant Marigold introduction.

Petite Gold. Deep gold.

Petite Yellow. Brilliant yellow.

Petite Orange. Bright orange.

Petite Harmony. Mahogany petals, gold center.

Petite Mixed. Mixture of above varieties.

Tr. pkt. 70c; ⅛ oz. \$1.25; ¼ oz. \$2.00; oz. \$6.00; ¼ lb. \$20.00.

Ⓜ Recommended varieties

DWARF DOUBLE FRENCH

Standard Varieties Trade pkt. ¼ oz. Oz.

Ⓜ Butterball. Bronze Medal, All-America Selections. Very compact, Scabious-flowered, canary-yellow. 6 to 10 inches tall; uniform. Very early	\$0.30	\$0.65	\$2.00
Ⓜ Color Magic. Fully double, 1½-inch flowers in rich shades of yellow and orange irregularly marked with red. 12 in. high	.40	.75	2.50
Harmony Hybrids. 12 to 14 inches high, flowers medium size, color range includes innumerable combinations of Harmony	.30	.65	2.00
Ⓜ Harmony. Flowers very double, deep orange, with maroon collar	.30	.65	2.00
Ⓜ Lemon Drop. This early full double canary-yellow Marigold will in our opinion replace Yellow Pygmy. Grows 9 inches tall, free flowering and uniform, compact plants. Excellent for pots for bedding	.40	.65	2.00
Melody. Bronze Medal, All-America Selections. Double, brilliant orange. Compact plants 12 inches high. Very early	.30	.60	1.80
Miniature New Spry Hybrids. New and unusual combinations of yellow, mahogany, scarlet, and orange are to be found in this strain	.30	.65	2.00
Parisian Hybrids. All of the colors, hues and tones known to Marigolds. Considerably earlier than the regular strains and blooms late into the fall season	.40	.65	2.00
Primrose Gem. A rich primrose-yellow; with tightly packed centers, supported by several rows of slightly larger petals. Plants are neat and compact and about 9 inches tall. Twelve to fifteen blooms in flower on one plant at a time	.30	.65	2.00
Ⓜ Rusty Red. Large, rusty red, fully double flowers, 2 inches and more across, are borne freely well above the dwarf, bushy plants from early in the summer until frost. Grows 18 inches high	.30	.65	2.00
Ⓜ Spry. Silver Medal, All-America Selections. Extra-dwarf, double, compact and uniform, 9 inches tall, with very light orange-crested center and maroon outer petals	.30	.65	2.00
Scarlet Glow. Honorable Mention, All-America Selections. A distinct bronzy red color. Flowers are 1¼ to 2 inches across; some show russet and golden colors	.30	.65	2.00
Ⓜ Sunkist. Very dwarf and compact, with solid deep golden orange, Anemone-type flowers. Free flowering	.30	.65	2.00
Tangerine. Distinct shade of bright tangerine-orange. Flowers are fully double, 2 inches across, and completely cover the bushy, mound-like plants which grow about 15 inches high	.30	.65	2.00
Yellow Pygmy. Light lemon-yellow. Grows 8 inches high. Free flowering	.30	.65	2.00
Dwarf Double French, Mixed.	¼ lb. \$6.00	.30	.65 2.00

DWARF DOUBLE AFRICAN

Ⓜ Cupid. Odorless foliage. Large primrose-yellow Chrysanthemum-like flowers, 2 to 2½ inches across. Height 6 inches	.50	1.75	5.00
Ⓜ Cupid Orange. Identical to Cupid Yellow except for its orange flower	.50	1.75	5.00
Little Giants, Mixed. Plants are compact and literally covered with blossoms. Foliage is a deep bluish green	.40	.65	2.25

Tall Types for Cutting

AFRICAN TYPES Chrysanthemum-Flowered

Trade pkt. ¼ oz. Oz.

Ⓜ **Glitters.** All-America Bronze Medal Winner. Fluffy, Chrysanthemum-like, bright canary-yellow flowers 3 inches across, long stems. 2 feet high.....\$0.50 \$1.00 \$3.00

Golden Crown. Extra early Chrysanthemum type, blooms from 2 to 3 weeks ahead of regular strains. The color is a lively golden orange. The bountiful supply of huge blooms are 3½ to 4½ inches. Height about 16 to 20 inches..... .50 1.25 4.00

Goldsmith. Base branching, growing 3 to 4 feet high and producing large golden orange blooms 4 to 5 inches across40 .75 2.50

Ⓜ **Mammoth Mum.** Flowers are fluffy, ball-like, light sulphur-yellow in color. Plants are 30 inches high and blooms 3½ inches across. Early flowering..... .40 .90 3.00

Giant Chrysanthemum-Flowered Hybrids. These hybrids consist of many new and distinct types of Marigolds, varying in size of blooms and colors..... .30 .55 1.75



CHRYSANTHEMUM-FLOWERED, Glitters

Carnation-Flowered

These favorite free-flowering annuals grow from 2½ to 4 ft. tall and are well adapted for large beds, mixed borders, and splendid for cutting.

Ⓜ **Alldouble Lemon.** A fine clear yellow variety which will produce all double flowers..... .30 .55 1.75

Ⓜ **Alldouble Orange.** Produces a large percentage of double flowers of a bright orange shade..... .30 .55 1.75

Burpee Gold. Beautiful Carnation-like flower, fully double. Color is an even rich orange. Blooms 3½ inches across. Plants lack the disagreeable odor.30 .55 1.75

Guinea Gold. The flowers are 100% double and semi-double. Clear orange, flushed with gold30 .55 1.75

Man-In-the-Moon. A pale lemon-yellow, fully double, nearest to white..... .30 .55 1.75

Ⓜ **Sunbrite.** Very early, this strain produces blooms of deep golden yellow measuring from 3 to 3½ inches across. The plant habit is very uniform. Height 12 to 15 inches..... .50 1.25 4.00

Yellow Supreme. Broad, loosely frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft.30 .55 1.75

Ⓜ **Carnation-Flowered Mix**30 .55 1.75



CARNATION-FLOWERED, Guinea Gold

African Double

Tall Double, Mixed ¼ lb. \$5.50... .30 1.50

Gigantea Varieties

A remarkable sweet-scented, robust growing, extremely large flowered type.

Ⓜ **Crackerjack.** The earliest of the Giant varieties. Compact plants growing 30 to 36 inches tall. The blooms measure 5 to 6 inches in diameter and the color ranges through yellow to gold and brilliant orange..... .50 1.00 3.00

Early Sunset Giants, Mixed. An early blooming variety. The color range includes cream, buff, lemon, gold and orange30 .55 1.75

Gigantea, Orange Sunset. All-America Winner. Flowers average 5 inches or more in diameter..... .30 .55 1.75

Sunset Giants Mixed. Plants grow 3½ to 4 feet high. Same as above in choice mixed colors..... .30 .55 1.75

FORCING MARIGOLDS

Lieb's Winter-Flowering. Mahogany-brown, golden yellow crested center.

Lieb's Winter-Flowering Sunshine. Bright golden yellow.

Above two: Tr. pkt. 40c; ¼ oz. 80c; oz. \$2.50.

Single Bush Types

Ⓜ **LULU.** This is the first real yellow in the Tagetes type. A very compact dome-shaped plant growing about 7 inches tall and 12 inches across. The plant is completely covered with dainty single florets that are three-fourths of an inch across. A pleasing shade of bright canary-yellow, without a zone but with a small eye that is a trifle darker. Ideal for borders, edgings and rockeries.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00

Tr. pkt. Oz.

Signata pumila. A fine bedding plant. Flowers golden yellow..... \$0.25 \$1.00

Ⓜ Varieties preceded with this symbol are especially recommended.

Michell's

24,000 seeds per ounce.

Giant Pansies



PANSY, Swiss Giants

⑩ **America.** A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Blue Boy. Medium size silvery blue flowers. Free-flowering.

Tr. pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00; 1/4 lb. \$20.00.

Dwarf Swiss Giants, Choice Mixed. More compact and dwarf than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors.

Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00; 1/4 lb. \$28.00.

⑩ **Engelmann's Mixture.** Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Tr. pkt. \$1.00; 1/8 oz. \$3.30; 1/4 oz. \$6.00; oz. \$18.00; 1/4 lb. \$64.00.

Felix. Uniformly true to type, with ruffled flowers of good size carried on fairly dwarf plants. Colors are rich and unusual—including purple, apricot and wine shades together with pastel bronzes and smoky tones difficult to describe. Each flower is marked with the dark "whiskers" characteristic of this strain and the over-all effect is very striking.

Tr. pkt. \$1.00; 1/4 oz. \$3.00; oz. \$9.00; 1/4 lb. \$30.00.

Maple Leaf Giants. A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

⑩ **Michell's Giant Climbing.** This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades.

Trade pkt. \$1.00; 1/8 oz. \$2.75; 1/4 oz. \$5.00; oz. \$17.00.

⑩ **Michell's New Swiss Giants.** The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Pansies have become equivalent to Petunias in spring bedding plant sales. This rise in popularity has been the reason for new methods of culture being developed. Many Pansy growers now sow their seed in December or early January and carry their seedlings in the greenhouse until just before freezing temperatures arrive when they are placed in cold frames.

The other popular method is the sowing of seed in late July or early August. These plants are then spaced 4x6 in frames and given a protective winter covering. Plants handled in this way should have their bud set before freezing weather arrives.

COLOR CARNIVAL

® (Pacific Giant F-2 Hybrid)

"Pansy Color Carnival" is probably the most highly developed American Pansy ever bred; it figures all the colors and advantages of the finest Swiss Strains with extremely large flower size and vigor. Blooms all are blotched, coloration runs the full range of Pansy colors in rich variation, predominantly reds, scarlets of the finest texture, to satisfy the most critical Pansy expert. Habit of growth of all plants of each color is remarkably uniform.

Tr. pkt. \$1.50; 1/8 oz. \$3.75; 1/4 oz. \$7.00;
1/2 oz. \$12.00; oz. \$22.00.

⑩ **Michell's Springtime Giant Pansy.** We are pleased to offer this fine new early-flowering Giant Pansy with blooms measuring 3 1/2 to 4 inches across, and coming in a superior mixture of light colors so popular in the spring garden. The plants are dwarf.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Pay Dirt Jumbo. Largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Fine dwarf habit and resistant to heat.

Trade pkt. \$1.00; 1/8 oz. \$5.00; 1/4 oz. \$9.00; oz. \$28.00.

⑩ **Jumbo Mixture.** Grown from Originator's Stock. Extra-large, long-stemmed flowers, very early, in a choice mixture of colors.

Tr. pkt. \$1.00; 1/8 oz. \$3.00; 1/4 oz. \$5.10; 1/2 oz. \$9.20; oz. \$16.50.

Trimardeau, Choice Mixed. Medium-sized flowers, excellent for bedding.

Trade pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00; 1/4 lb. \$20.00.

⑩ **Michell's New Swiss Ruffled.** (Pastel Shades Mixed.) Flowers are large and beautifully ruffled. This strain is a mixture of lovely pastel shades not seen in Pansies.

Tr. pkt. 75c; 1/8 oz. \$1.75; 1/4 oz. \$3.00; oz. \$10.00; 1/4 lb. \$32.00.

Improved Swiss Giants Mixture. Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75.

⑩ **Michell's Giant Exhibition, Mixed.** A giant strain of heavy texture and varied shades and colors.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

SWISS GIANTS, SEPARATE SORTS

Alpenglow. A fine range of cardinal-red shades.

Berna. Very rich, velvety purple-violet.

⑩ **Coronation Gold.** Round canary-yellow flowers with lower petals flushed golden orange, measuring as much as 3 inches across, with slightly ruffled edges.

Firebeacon. Bright wallflower-red with a touch of orange.

⑩ **Lake of Thun (Ullswater).** Marine-blue, with deep blue blotches.

Luna. Soft sulphure-yellow; frilled edges.

⑩ **Pure White.** The best giant pure white.

Raspberry Rose. Soft pink-carmine; velvety blotched, slightly lighter at edges.

Rheingold. Deep golden yellow with black blotches on the three lower petals.

Red Wing. Upper petals red, lower petals golden yellow with dark blotches.

⑩ **Super Beaconsfield.** Extremely large-flowered, lower petals purple-violet shading off to white, flushed lilac on the upper petals, comes 80% true.

Each of the above, trade pkt. 80c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$11.00.



Radiant PHLOX

PETUNIAS

See pages 2 to 8

PHLOX DRUMMONDI

14,000 seeds per ounce.

® Twinkle, Dwarf Star Mixed

Now star-shaped Phlox is available in a good color range. The compact plant carries the flower well above the foliage. The mixture is warm and gay with pinks and red shades predominating. Its height of 6 to 7 inches makes it excellent for bedding.

Tr. pkt. 75c; 1/8 oz. \$1.30; 1/4 oz. \$2.35; oz. \$7.00.

® Michell's Radiant Mixed

We have what we consider the outstanding dwarf Phlox offered. The plants are more compact than any other strain and the flowers are larger with more distinct eyes and the color range is unbelievable, every conceivable color in this popular flower is in this mixture. This strain is so free flowering that the entire plant is covered with blooms so numerous that the foliage is completely hidden. Especially recommended for pots. Grows 6 to 8 inches high.

Tr. pkt. 75c; 1/8 oz. \$2.00; oz. \$7.00; 1/4 lb. \$26.00.

® Michell's Dwarf Beauty, Mixed

This fine strain of large-flowering dwarf Phlox is especially recommended for pot culture. The individual florets are large and this strain comes in a very fine mixture, including shades of light and dark blue. Very free blooming.

Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$4.50; 1/4 lb. \$16.00.

Grandiflora Gigantea, Art Shades

Flowers 1 1/4 to 1 1/2 inches in diameter. In addition to its enormous flowers, it has a most wonderful range of color in soft art shades. Plants about 9 inches high. Choice mixture only.

Trade pkt. 45c; 1/4 oz. \$1.10; oz. \$3.30.

Grandiflora, Tall

Choicest Mixed.

Trade pkt. 30c; 1/4 oz. 80c; oz. \$2.40.

ATTENTION FLAT GROWERS!

The Electric

TAYLORTRUCK

Will Save You Hours and Dollars.
See inside of back cover.



PORTULACA



PHLOX DRUMMONDI, Michell's Radiant Mixed

POPPY - Papaver

SINGLE EARLY VARIETIES

72,000 seeds per ounce

Trade pkt. Oz.

® **NORMANDY.** Large single flowers of a brilliant orange-scarlet \$0.25 \$0.75

Shirley, Mixed. Large flowers 1/4 lb. \$3.00 . . .25 1.00

DOUBLE ANNUAL VARIETY

Improved Shirley, May Queen. An improved strain with large double flowers. Mixed colors . . . 1/4 lb. \$2.50 . . .25 .75

PORTULACA (Moss Rose)

280,000 seeds per ounce

Trade pkt. 1/4 oz. Oz.

® **Double Flowering Mixed.** Produces 80% double flowers \$0.30 \$1.25 \$3.75

Single Flowering Mixed Colors25 .70 2.35

Single Jewel. Flowers four times as large as the regular single varieties and of very unusual beauty. Color a brilliant deep rose-crimson. 1/8 oz. \$1.00 .50 1.60 4.50

THE 12 BEST FOR BEDDING

Make sure you have some varieties of each of these 12 most popular items for bedding.

Petunias	Impatiens	Snapdragons
Alyssum	Marigolds	Verbenas
Coleus	Phlox	Vinca
Dahlias	Salvia	Zinnia

PYRETHRUM

Trade pkt. 1/4 oz. Oz.

Aureum. Golden Feather. Golden yellow foliage. For bedding \$0.25 \$0.40 \$1.35



PRIMULA Obconica

PRIMULA MALACOIDES

1/32 oz. 12,000 seeds.

Ⓜ **Glory of Riverside, Improved.** True rose-pink, a strong grower and without a doubt the most valuable variety for all purposes.

Lavender New Baby, Improved. While some flowers are a lavender-pink, this variety does contain the most beautiful shades of lavender.

Ⓜ **Mrs. Eriksson of Riverside.** Large flowers of deep rose-red.

Ⓜ **New Giant Salmon-Rose.** Large flowers of light salmon-rose.

White Giant (Pure White). Large pure white flowers on strong stems; good for combinations.

Malacoides Special Mixed.

Each of the above, tr. pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.25.

GIANT OBCONICAS

1/32 oz. 4,000 seeds.

Ⓜ **Wyaston Wonder.** This type of **Primula obconica**, Wyaston Wonder, produces flowers of truly immense size. It is by far the largest-flowered variety in existence. The general growth of the plant is exceptionally vigorous and the huge heads of bright crimson flowers are carried on strong stems well above the foliage.

1/2 trade. pkt. 75c; trade pkt. \$1.25; 1/64 oz. \$2.75.

Ⓜ **Fasbender.** Very compact, with enormous deep crimson blooms.

Mohnstein Kermesina. Crimson.

Ⓜ **Mueller.** (Berlin.) Bright rose.

Mueller and Mohnstein, Mixed. Shades of pink and red.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

OBCONICA, SUPER-GIANT STRAINS

Ⓜ **Giant Blood-Red.** Dark blood-red shade.

Giant Crimson. Enormous size truss; crimson color.

Ⓜ **Giant Rose Queen.** Brilliant rose-pink.

Giant White. Pure white.

Sky Blue (Konigsee). Light heavenly blue with yellow throat.

Red Pearl. Deep salmon-scarlet.

Giant Choice Mixed. A mixture of the above and other colors.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

FRINGED CHINESE VARIETY

18,000 seeds per ounce.

Michell's Prize Mixture. This mixture contains only the very finest sorts.

Trade pkt. \$1.25; 1/32 oz. \$3.75.

RICINUS COMMUNIS - Castor Oil Bean

Very effective plants on the lawn as centerpieces in beds of flowers such as Cannas, etc.

Ⓜ **Sanguineus.** Blood-red stalks. 8 ft.

Zanzibarensis. Large. Various colors. 12 ft.

Mixed. All sorts.

Each of the above, oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.



SALVIA, Fireball

SALVIA - Flowering Sage

7,500 seeds per ounce.

NOTE: Sow late in February. A larger percentage of Salvia seed will germinate if sown after February 1 with plenty of bottom heat.

Tr. pkt. 1/4 oz. Oz.

Ⓜ **Fireworks.** The earliest of all. An ideal bedding type. Brilliant liquid-like red coloring, compact plants, and continuous flowering from May or June (from February or March sowings) until killing frosts. Fireworks is a development out of St. John's Fire, and has been reselected many years for earliness, so that all plants will start flowering when but 3 or 4 inches in height, and on much the same date. Plants will flower in flats, and there is no better sales attraction for the small plant grower than Fireworks. Growth is always dwarf and compact, uniform and trim. 12 inches in height and 20 inches in width ... 1/8 oz. \$1.65; 1/4 lb. \$30.00. \$1.00 \$2.75 \$9.00

Ⓜ **St. John's Fire.** Blooms very early but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth and very uniform habit.

..... 1/8 oz. \$1.65; 1/4 lb. \$30.00. 1.00 2.75 9.00

Ⓜ **Fireball.** The best new early Salvia since St. John's Fire. An extra early, dwarf, compact Salvia about 6 inches tall, blooming 10 to 12 days earlier and growing about half the height of St. John's Fire. Extremely early flowering, very even growth, and the plants are literally covered with close-set spikes of bright scarlet flowers. This variety is the finest of the dwarf Salvias. Exceptionally fine for pots or early blooming in flats ... 1/8 oz. \$2.20;

..... 1/4 lb. \$40.00. 1.25 4.00 12.00

Ⓜ **America (Globe of Fire).** Of dwarf, bushy, compact growth, about 1 1/2 feet high, uniform in height and shape ... 1/4 lb. \$20.00. .65 2.00 6.00

Ⓜ **Bonfire (Clara Bedman).** Medium dwarf; compact growth ... 1/4 lb. \$17.50. .65 1.50 5.25

Splendens. The old-fashioned tall variety with bright scarlet flowers ... 1/4 lb. \$15.00. .50 1.40 4.50

BLUE VARIETIES

The following varieties, while perennials, are best treated as annuals, and will flower very profusely during the summer months from seed sown in the spring.

Trade pkt. Oz.

Blue Bedder. A variety of Farinacea. Deep blue shade.

Flowers from seed first year. ... 1/4 oz. \$1.25. \$0.50 \$4.00

Ⓜ **Royal Blue.** An improved strain of Farinacea. Deep blue flowers. We highly recommend this new blue Salvia.

..... 1/4 oz. \$1.50. .50 5.00

SALPIGLOSSIS - Painted Tongue

125,000 seeds per ounce.

Easily grown and useful summer-flowering annuals; also suitable for greenhouse forcing. Very showy flowers, excellent for cutting.

Emperor, Mixed. Choice selection of large-flowering sorts. Tr. pkt. 25c; ¼ oz. 40c; oz. \$1.20.

SCABIOSA - Mourning Bride

TALL DOUBLE ANNUAL

3,500 seeds per ounce.

30 to 36 inches

Ⓜ **Blue Moon.** Deep lavender-blue.

Peach Blossom. Attractive light rose.

Salmon Beauty. Pure salmon.

Ⓜ **Shasta Improved.** Enormous pure white.

Ⓜ **Imperial Giants Mixed.**

Each of the above: Tr. pkt. 30c; ¼ oz. 75c; oz. \$2.50.

Giant Flowering Hybrids, Mixed.

DWARF DOUBLE ANNUAL

18 inches

Peace. Pure white.

Tr. pkt. 25c; ¼ oz. 65c; oz. \$2.00.

Ⓜ Varieties preceded with this symbol are especially recommended.

SCHIZANTHUS - Butterfly Flower

50,000 seeds per ounce.

Tr. pkt. ½ oz. ¼ oz.

Ⓜ **Canada Giants.** An extra-select, large-flowered, compact greenhouse strain in splendid mixture. \$0.85 \$2.25 \$4.00

Dwarf Large-Flowering. A compact-growing variety and very free flowering. Excellent for pots.

Mixture of popular shades .60 1.80 3.25

Wisetonensis. Various colors. Fine for pots

Oz. \$4.00 .40 1.25

SHAMROCK

38,000 seeds per ounce.

Shamrock seed should be sown January 1 for 2-inch plants for St. Patrick's Day. Use 3 or 4 seedlings to a pot and grow in a carnation-house temperature.

True Irish Tr. pkt. 25c; oz. \$1.25; ¼ lb. \$4.00; lb. \$14.00.

SOLANUM

Cleveland Cherry. Grows compact and produces scarlet berries in great profusion. Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.75.

Trade pkt. ¼ oz. Oz.

Ball Christmas Pepper. Plants are compact with cone-shaped fruit. Colors changing through green, purple, and red. \$0.50 \$1.50 \$4.75

Red Fangs. (New.) Dwarf compact plants with one inch slender fruits that change color from green directly to red.50 1.50 4.75

Solanum Craigi Christmas Pepper. Plants are compact with small leaves. Fruit stands above the foliage. Colors range from white to brilliant red. .50 1.50 4.75

Plants That Will Grow In the Shade

Alyssum	Tuberous Begonia	Pansies
Coleus	Gloxinias	Salvia
Exacum	Impatiens	Torenia
Fibrous Begonia	Lobelia	Caladiums



STATICE SINUATA, Heavenly Blue

STATICE SINUATA - Everlasting Flower

375 seed heads per ounce.

Free-flowering, valuable for cutting or decoration, either when fresh or in their dried state.

Ⓜ **Heavenly Blue.** A bright clear sky-blue the color of Heavenly Blue Morning Glory. Sure to be popular, this new color provides a welcome relief from the standard prevailing Statice colors of lavender and dark blue.

Market-Grower's Blue.

Kampf's Tall Improved. Deepest blue. Early flowering.

Ⓜ **Sinuata, True Blue.**

Lavender.

Ⓜ **White.**

Ⓜ **Pastel Shades Mixed.**

Yellow (S. Bonduelli).

Rosea superba.

Mixed.

Each of the above: Tr. pkt. 25c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50.

Suworowi. Russian or Rat Tail. Flowers bright rose color.

Tr. pkt. 30c; ¼ oz. \$1.00; oz. \$3.00.



SCHIZANTHUS, Canada Giants

MIXED or WILD-FLOWER GARDEN SEED

A mixture of annuals containing a large number of varieties of easily grown and interesting flowers. Oz. 25c; lb. \$2.00.



Michell's

Snapdragons

F₁ Hybrids are followed by ®.

® Recommended varieties.

2,000 seeds per trade packet.

BRONZE SHADES

® **Barbara**® (Yoder.) Hybrid. The large bronze florets, with pink throat and bright bronze lips, are borne on long spikes. Vigorous grower. The earliest of the bronze group.
½ tr. pkt. \$2.00; tr. pkt. \$3.50.

® **Cavalcade**® (Yoder Bros.) Hybrid. A lively golden bronze; extremely vigorous; long spikes; outstanding keeper. Tr. pkt. \$3.50.

Gallant Fox® (Yoder Bros.) Hybrid. Deep orange-bronze, similar in color to Lady Dorothy; much stronger and more vigorous; compact floret placement; a little earlier than Barbara. Tr. pkt. \$3.50.

Sun Briar® (Yoder Bros.) Hybrid. Lively orange-bronze. Medium in height with a hard stem. Compared to the over-all stem length, it has a very long flower spike. Tr. pkt. \$3.50.

Sunglow® Hybrid. (Pan-American.) Light yellowish bronze, a new lovely color. Tr. pkt. \$3.00.

Talisman. (Windmill.) Double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination. Tr. pkt. \$2.00.

WHITE SHADES

Albion® (Yoder Bros.) A pure paper-white. Ten to fourteen days later than White Knight. Valuable in maintaining a continuity of paper-white, when grown with White Knight. Tr. pkt. \$3.50.

Apollo® (Yoder Bros.) Hybrid. Ivory-white flowers larger and more vigorous than Margaret, otherwise very similar to that variety. Tr. pkt. \$3.50.

® **Citation**® (Yoder Bros.) Hybrid. Very large ruffled florets of ivory-white compactly spaced on long spikes. Uniform, vigorous grower, early. Comes in before Margaret, Apollo or Twenty Grand. Tr. pkt. \$3.50.

Maryland White Improved® (Winkler.) Hybrid. Large paper-white florets on strong stem. Early, free flowering. ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Rockwood's Hybrid White No. 5® A fine white for fall and early winter blooming, flowers are large and well formed. Tr. pkt. \$3.50.

® **Snowman**® A pure white with no suggestion of ivory. Tr. pkt. \$3.50.

® **Spartan White**® (Mich. State College). Clean growing, pure white. A good producer. Tr. pkt. \$3.00.

Jet Pilot® (Yoder Bros.) Hybrid. A medium early paper white; long spikes similar to White Wonder in form; much greater vigor. Tr. pkt. \$3.50.

® **Margaret**. (Yoder.) The most popular white on the market. A winter-blooming ivory-white, whiter than Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no side growth. The florets are of medium size; last a long time and do not shed. Tr. pkt. \$2.00.

® **Twenty Grand**® (Yoder Bros.) Hybrid. A medium early winter flowering variety; an ivory-white flower similar to that of **Junglewood White**; a fine keeper. Tr. pkt. \$3.50.

® **White Knight Hybrid**® A new improved paper-white Snap. Medium to long, compact spikes with well placed florets. Growth is firmer and less grassy than that of **Snowman** and flowering is earlier. Tr. pkt. \$3.50.

YELLOW SHADES

Broker's Tip® A deep yellow with medium sized florets. Little or no side growth. Tr. pkt. \$3.50.

Day Star® (Yoder Bros.) Hybrid. Very early; good uniformity; long spike of light yellow florets. Tr. pkt. \$3.50.

Ethel. A large, bright yellow flower, winter blooming, well-formed head, good stems. Tr. pkt. \$3.50.

® **Gold Mine**® (Pan-American.) Hybrid. Deep gold-yellow, slightly fringed early, with strong fine stems and spikes with excellent placement of large florets. ½ tr. pkt. \$1.75; tr. pkt. \$3.00.

® **Golden Spike**® A rich gold-yellow with long stems and flower spikes; very productive. Can be flowered in January from a mid-July sowing. Tr. pkt. \$3.50.

Gold Rush® (Winkler.) Hybrid. A hybrid for greenhouse forcing to fill the need for a vigorous, free-flowering yellow Snapdragon. The large florets are deep Jonquil-yellow slightly ruffled, producing a long, well-filled spike. Sown early it will yield up to three full crops, very uniform. ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

® **Patricia**. (Yoder.) Hybrid. The medium sized florets of rich yellow with full deep yellow lower lip are borne on long spikes. Vigorous grower; fast taking the lead as the best yellow for winter blooming and cloth house culture. ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Rockwood's Hybrid Yellow No. 10. A fairly deep yellow with well-formed flowers and good stems. Tr. pkt. \$3.50.

Rockwood's Winter Yellow. Deep yellow. Tr. pkt. \$2.00.

Seabiscuit® (Yoder Bros.) Hybrid. Uniform vigorous grower, long spike, excellent floret formation. Clear yellow, coming in after War Admiral, Patricia and Day Star. Outstanding for winter or spring. Tr. pkt. \$3.50.

® **SWAPS**® (Yoder Bros.) New. Winter flowering yellow hybrid. Flowers two weeks earlier than War Admiral with florets nearly twice as large. Tolerant of low temperature. Optimum 46°. Tr. pkt. \$3.50.

® **War Admiral**® (Yoder Bros.) Hybrid. Outstanding in vigor, uniformity and spike formation; should become the number one winter flowering yellow hybrid. Tr. pkt. \$3.50.

Yellow Peggy Schumann. Tr. pkt. \$2.00.

For All Seasons of the Year

LIGHT PINK

® **Anne Marie.**® A clear medium pink, midway between Christina and Libby in color. The medium sized florets are more closely set than Christina. (M). Tr. pkt. \$3.50.

Chevy Chase Pink.® (Winkler.) Hybrid. A bright pastel pink, a shade darker than the popular Maryland Pink. Large florets and close full spike. Early and free flowering. "Shatter-resistant", will not drop its florets after cutting, unless they have been pollinated in some way. ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

® **Christina Mixed.**® (Yoder.) Hybrid. The best light rose-pink hybrid. It is a mixture of 1/3 hybrid white plus the true rose-pink. Tr. pkt. \$2.50.

Crusader.® (Yoder Bros.) Color and season that of Dorcas Jane. Brilliant rose-pink. Tr. pkt. \$3.50.

Gusto.® (Yoder Bros.) Color somewhat deeper than Mary Ellen. Bright rose-pink. Earlier and more uniform in flowering. Florets held close to spike. Ruffled hood. Tr. pkt. \$3.50.

Hercules.® A good light pink for spring cut. Tr. pkt. \$3.50.

® **Mary Ellen.**® (Yoder.) Hybrid. A light rose-pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets. Tr. pkt. \$2.50.

® **Maryland Pink Improved.**® (Winkler.) Hybrid. The improved strain of this popular pastel pink hybrid is early and free flowering with a stronger stem and larger spike. ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Mountain Pink.® (Hybrid.) (Pan-American.) Medium pink color. Tr. pkt. \$3.00.

DARKER PINK and ROSE

Better Times.® (Windmiller.) Hybrid. A real American-Beauty-rose-red. It is first class like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day. Tr. pkt. \$2.00.

Christmas Cheer.® (Windmiller.) Hybrid. The earliest rose-pink. Fine spike, excellent for Christmas and comes back for second and third crops. ½ tr. pkt. \$1.75; tr. pkt. \$3.00.

® **Libby.**® (Yoder.) Hybrid. A dark rose-pink hybrid with very strong stem and vigorous growth. Good sized flowers set medium to close on long spikes. The latest of the Yoder Hybrids to flower, coming in after Mary Ellen. ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

® **New Times.**® (Pan-American.) A bright deep rose, medium long spikes with clean firm stems. A good producer. Tr. pkt. \$3.50.

Pamela Pink. (Gilbert.) A good medium pink with flower spikes ranging from 8 to 16 inches long having very good stems and clean foliage. An early winter flowering variety. ½ tr. pkt. \$1.75; tr. pkt. \$3.00.

CRIMSON and RED SHADES

Commando.® A good red hybrid Snap. A pleasing color, earliness, clean growth habit. Tr. pkt. \$3.50.

Cherokee.® A good scarlet-red. Long, well formed spikes with sturdy stems. Good winter or spring. Tr. pkt. \$3.50.

Man-O-War.® (Yoder Bros.) Intense red, slightly suffused. Recommended for late December through mid-April. Earlier than Navajo. Tr. pkt. \$3.50.

Maryland Orange.® (Winkler.) A tall, vigorous, early midseason orange-bronze; lighter than Barbara, and more orange than copper. A large close spike, with very large individual florets. Production excellent; strong, stiff stem and spikes. Shatter-resistant. Tr. pkt. \$3.50.

LAVENDER and LILAC SHADES

® **Bold Venture.**® (Yoder Bros.) Hybrid. Early and uniform with a hard stem. The medium sized floret best described as a rich lavender. Tr. pkt. \$3.50.

Lavender Rose. (Rockwood.) Early lavender and rose. Tr. pkt. \$3.00.

® **NASHUA.**® (Yoder Bros.) New. Hybrid light rose-pink. Ten days to two weeks earlier than Rosebud in Jan. and Feb. Highly shatter-proof. Responds well under low light and temperature with optimum 46°. Tr. pkt. \$3.50.

® **Native Dancer.** (Yoder Bros.) A good light pink that is a shade darker than Rosebud. Strong stems, uniform growth. Tr. pkt. \$3.50.

Rockwood's Early Hybrid Pink.® Pastel pink. Tr. pkt. \$3.00.

® **Rosebud.**® (Yoder Bros.) A soft pastel pink with long spikes and giant size florets. Color holds well through April. Strong stems, uniform growth. Tr. pkt. \$3.50.

Star Charter.® (Yoder Bros.) Hybrid. A wide rose-pink floret similar to that of Christina; vigorous uniform growth; close spacing of florets. A beautiful flower and an excellent keeper. Tr. pkt. \$3.50.

® **Top Flight.**® (Yoder Bros.) Light pink, similar to Christina but earlier. Tr. pkt. \$3.50.

Trilbee Pink.® (Windmiller.) Hybrid. Vigorous grower, long spike closely set with artistic giant florets in a rich pastel pink shade. Recommended by the introducer for single stem production. Late August sowing for mid-January market. Tr. pkt. \$3.50.

Whirlaway.® (Yoder Bros.) Hybrid. Medium early; large floret; close spacing; long spikes; a little deeper color than Mary Ellen. Tr. pkt. \$3.50.

Wintergreen.® (Yoder Bros.) Bright rose-pink with uniformly placed florets on compact spike; wiry growth; no grassiness. Tr. pkt. \$3.50.

Peggy Schumann Pink. A large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots. Tr. pkt. \$2.00.

Pensive.® (Yoder Bros.) Hybrid. Flowers of dark pink coming in just after Christmas Cheer. Stronger, cleaner growth than that variety. Tr. pkt. \$3.50.

Pompey.® (Yoder Bros.) Hybrid. Rose-pink. A little deeper than Dorcas Jane, earlier, more vigor and uniformity of growth and closer floret spacing. Tr. pkt. \$3.50.

Rowenna.® A light rose-pink with medium to long spikes. Very adaptable for bunching. Tr. pkt. \$3.50.

Spartan Rose.® (Mich. State College.) Medium deep rose with long, heavy spikes. Tr. pkt. \$3.00.

® **Maryland Red.**® (Winkler.) An early bright red slightly lighter than Navajo. Tall, vigorous, with a large spike and individual florets and a strong, stiff stem. Shatter-resistant. Tr. pkt. \$3.50.

® **Navajo.**® A bright true red. Florets of good size on extra long spikes. Tr. pkt. \$3.50.

Priscilla Ann.® (Yoder.) Hybrid. Long graceful spikes with large velvety crimson florets. At times a faint touch of yellow is noted on the lip. The earliest crimson. ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Red Wing.® Hybrid. (Pan-American.) Deep velvety red. Tr. pkt. \$3.00.

® **Rockwood's Hybrid Red No. 15.**® A dark red or crimson with well formed flowers and good stems. Early, can be grown for Christmas market. Tr. pkt. \$3.50.

Schumann's Lavender. Excellent, large flowered rosy lavender for spring blooming. Full heavy spikes. Tr. pkt. \$2.00.

Windmiller's Lilac. Excellent orchid, true to type and color, hard wiry stems, small foliage, productive. Tr. pkt. \$2.00.

See Chart on Following Page for Proper Flowering Period



Summer Flowering Snaps

Many commercial growers are becoming aware of the fact that summer snaps are a very profitable crop. The bench time that is involved will vary from 8 to 12 weeks depending on the time of the year. The crop is grown single stem at a 4x4 spacing with NO SHADE ON THE GLASS. In the early spring a minimum temperature of 60° should be maintained. The following schedule is recommended for successful spring flowering.

FLOWER	June 17	July 15	August 19	September 16
SOW	February 4	April 8	May 20	June 17
BENCH	March 11	May 6	June 17	July 15

WHITE

- Potomac White.**® Summer flowering only. Tr. pkt. \$3.50.
- Rockwood's Crystal White.**® Tr. pkt. \$3.00.
- ® **White Skies.**® (Yoder Bros.) New. A summer White Knight that is shatterproof, tall, and vigorous. Produces a high percentage of long spikes with long tapering tip-buds. Tr. pkt. \$3.50.
- ® **Crystal White.** (Yoder Strain A.) New. Taller and more uniform than Rockwood Crystal White. Spike is compact and shatter resistant. Tr. pkt. \$3.50.

RED

- ® **Rockwood's Summer Red.**® Late spring and summer only. Tr. pkt. \$3.00.

BRONZE

- ® **Rockwood's Summer Bronze.**® For summer cut only. Tr. pkt. \$3.00.

PINK

- Rockwood's Summer Pink No. 1.** Medium pink. Tr. pkt. \$3.00.
- Rockwood's Pink Supreme.** Dark pink. Tr. pkt. \$2.00.
- ® **Gay Time.**® (Yoder Bros.) New. A vigorous and uniform variety 7 to 14 days earlier than Rockwood's Summer Pink. Tr. pkt. \$3.50.
- ® **Summer Jewel.**® (Yoder Bros.) New. The variety is darker than Rockwood's Summer Pink. Has good vigor, uniformity, stem strength, and spike length. Shatterproof. Tr. pkt. \$3.50.

YELLOW

- Potomac Yellow.**® Summer flowering only. Tr. pkt. \$3.50.
- Rockwood's Summer Yellow.** A fairly deep yellow. Tr. pkt. \$3.00.
- ® **Dark Star.**® (Yoder Bros.) New. Has good uniformity and vigor. Five to seven days earlier than Rockwood's Summer Yellow. Shatter resistant. Tr. pkt. \$3.50.

NOVEMBER - DECEMBER FLOWERING

White	Yellow	Bronze	Light Pink	Dark Pink	Red	Lavender
White Knight Albion Rockwood Hybrid White No. 5 Citation	War Admiral Sea Biscuit Brokers Tip Day Star Rockwood Hybrid Yellow No. 10	Sun Briar Sunglow Talisman Barbara	Rockwood Early Hybrid Pink Wintergreen Rosebud Gusto Mt. Pink Native Dancer	Rowenna Xmas Cheer New Times Rockwood Pink Supreme	Commando Cherokee Man-O-War Md. Red Red Wing Rockwood Hybrid Red No. 15	Bold Venture

JANUARY - APRIL FLOWERING

Snowman Apollo Citation Margaret Imp. Md. White Twenty Grand Albion Spartan White Jet Pilot White Knight	Golden Spike Brokers Tip Ethel Gold Rush Patricia Sea Biscuit War Admiral Gold Mine Swaps	Barbara Cavalcade Gallant Fox	Nashua Christina Mixed Mary Ellen Top Flight Md. Pink Imp. Rosebud Wintergreen Crusader Whirlaway Chevy Chase Native Dancer	Pamela Pink Better Times Libby Pensive Spartan Rose Rowenna	Cherokee Priscilla Ann Navajo Commando Man-o-War Md. Orange	Bold Venture Windmills Lilac
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MARCH - MAY FLOWERING

Rockwood Crystal White Albion Citation Apollo Twenty Grand	War Admiral Sea Biscuit Brokers Tip Yellow Peg Schumann	Gallant Fox Cavalcade	Wintergreen Top Flight Rosebud Trilbee Pink Anne Marie Star Charter Hercules Native Dancer	Pompey Peg Schumann	Navajo	Schumann's Lavender
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JUNE - SEPTEMBER FLOWERING

Rockwood White Potomac White White Skies Crystal White (Yoder strain A)	Rockwood Summer Yellow Potomac Yellow Dark Star	Rockwood Summer Bronze	Rockwood Summer Pink No. 1 Rockwood Pink Supreme Summer Jewel Gay Time	Rockwood Summer Red	Rockwood Lavender Rose
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Tips on Forcing Snapdragons

The profitable year around production of Snapdragons is the result of the new hybrid varieties that have been developed, plus the time and labor saving single stem method of production. Snaps can now be timed and grown the year around, the same as Mums. Many of the present winter flowering varieties are at their peak when used in the spring program. Conversely, many of the spring varieties can be used in the winter program if the higher temperatures and longer timing conditions are provided. The summer varieties require the high temperatures for maximum performance. The following are a few of the important factors to be considered when planning your Snap crop.

SOIL

Snaps can be grown in a wide variety of soils. One that is well drained and contains about ¼ peat by volume is most satisfactory. At least once a year the soil should be steam sterilized to insure against the spreading of disease. All pots, flats and tools should be sterilized. Before planting add three to four pounds of super phosphate per 100 square feet of bench space. Additional fertilizer should be added as the soil test indicates.

SEED GERMINATION

Snap seeds germinate satisfactorily in peat, a peat and soil mixture, or vermiculite. Seeds may be broadcast or sown in rows and should have no additional soil covering. The latter method of sowing in rows is most preferred as it provides better control for "damping off" organisms, plus good aeration for the plants. The most satisfactory method of watering is by soaking. The seed flats are immersed in a pan of water and allowed to become thoroughly wet. Good seed flat drainage is a "must." Subsequent water requirements should be applied by the same method. Seeds should germinate in seven days from sowing. A temperature of 60 degrees during germination is preferred.

BENCHING

Direct benching is the most economical since it reduces labor, saves time, and prevents hardening of plants. During the hot summer months the soil should be moist at the time of planting and the plants misted frequently until new root growth is started. The recommended spacings are 4 x 4, 4 x 5 or 3 x 6 during the winter months, with a 3 x 5 spacing for summer crops. The recommended spacing for pinched crops is 6 x 8. If the crop is to be pinched, it is best to wait until plants have been benching and taken hold. Usually three pairs of leaves are left after the pinch. For best results do not pinch summer Snaps.

TEMPERATURE

A strict control of temperature will govern the accuracy in crop timing and the success of the crop. The following varieties will produce high quality flowers most efficiently during winter months when given night temperatures of 46°.

Albion	Citation	Gallant Fox	Nashua	Rowenna	Swaps	War Admiral
Bold Venture	Commando	Jet Pilot	Pensive	Rose Bud	Top Flight	Whirlaway
Cavalcade	Crusader	Man-O-War	Pompey	Sea Biscuit	White Knight	Wintergreen

These four varieties produce most efficiently when grown at night temperatures of 50°: Apollo, Broker's Tip, Native Dancer, Twenty-Grand.

The following temperatures can be used for most varieties to produce top quality Snaps:

Sunny days	55-60 degrees	Nights	50 degrees
Cloudy days	48-50 degrees	Nights	48-50 degrees

NOTE: Glass should not be shaded from April through September when growing summer Snaps. Summer varieties are bred to produce most efficiently in the temperatures that are prevalent during the hot summer months.

Sowing Dates

The following schedules are subject to changes due to local and regional conditions.

Single Stem Method

This method becomes more popular every year, the main reason being that it flowers two to three weeks sooner than the pinched crops.

Sow	Flower
July 10	October 15
July 25	November 15
August 5	December 15
August 15	January 15
September 5	February 15
September 20	March 15
October 20	April 15
December 20	May 15
February 5	June 15
April 1	July 15
May 10	August 15
June 10	September 15

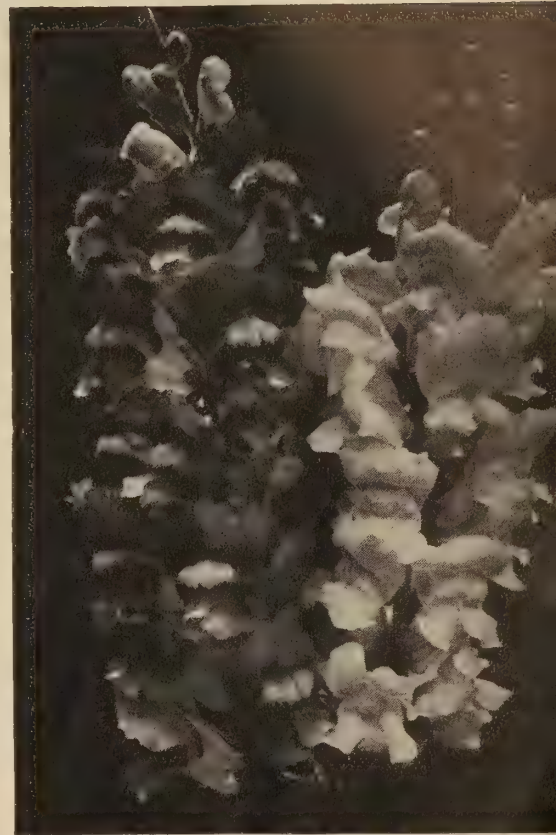
Pinched Crops

Plants should be benching and be six to eight inches in height before pinching. Pinch to leave three pairs of leaves.

Sow	Flower
July 20	Mid-December
August 1	Mid-January
August 20	Mid-February
September 5	Early March
September 25	Early April
November 20	Mid-May

Approximate number of plants required for various spacings.

Method of Culture	Plants per 100 sq. ft. of bench space
Single Stem 3 x 6 in.	800 plants
Single Stem 4 x 6 in.	570 plants
Pinched Crop 6 x 8 in.	300 plants
Pinched Crop 7 x 8 in.	260 plants



FORCING SNAPS

OUTDOOR SNAPS, see next page

Michell's Outdoor Snapdragons

180,000 seeds per ounce.

In growing *Antirrhinum* for outdoor cutting or to produce bedding plants, always use the rust-proof types. Seed should be started early in sterilized flats—later on into pots for bedding plants or transplant into the open for cut flowers. We recommend the Semi-Dwarf types for pots and the taller types for cutting.

® MARDI GRAS

(New.) An F-2 Hybrid mixture with an extremely wide color range and extra vigor; florets are closely placed on long blooming stems. Plants are uniform in habit and will produce early blooms.
Tr. pkt. 60c; ¼ oz. \$1.50; oz. \$5.00.

® CANONNIER

A bright flame-red Snap. Ideal for bedding. Semi-dwarf plants about 8 inches tall. A very striking novelty Snap.
Tr. pkt. 60c; ¼ oz. \$1.50; oz. \$5.00.

NEW

® PANORAMA F-2 SNAPDRAGONS

Pan-American Rust Resistant Strain

A new strain of hybrid Snaps that were bred to increase the vigor of present varieties. These plants produce from 6 to 8 base branching stems of long flower spikes with large florets. This strain is very uniform and will reach a height of 3½ to 4 feet. Excellent for cutting.

Panorama Crimson. A velvety crimson-red with heavy stems and spikes.

Panorama White. A pure white. Large well-formed flowers on long tapering stems.

Panorama Formula Mixed. An outstanding blended mix of colors including carmine-red, rose, lavender, yellow, and white. Recommended for cutting.

Each of above: Tr. pkt. \$1.00; ⅛ oz. \$3.30; ¼ oz. \$6.00; oz. \$18.00.

GIANT RUFFLED TETRA—26 Inches

Largest flowered of all Snapdragons. Individual florets are huge—1¾ to 2¼ inches wide. Many distinctly and attractively ruffled. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower spikes.

® **Candlelight.** Very fine bright yellow large florets are well spaced on long tapering spikes.

® **Orchid.** Rich orchid-purple with yellow blotch. Large florets and a strong grower.

® **Pink Shades.** Light to deep rose-pink. Free branching with one large spike per plant, up to 30 inches tall and having a 16-inch span of ruffled florets.

® **Sunset Hybrids.** A most attractive color range of primrose through terra cotta to deep amber-pink—both bicolors and solids. Base branching habit with 8 to 10 stems per plant averaging 22 inches tall. Large florets are closely spaced and cover 9 inches on a spike.

® **White.** Creamy white changing to pure white with primrose throat which adds to the attractiveness of the flower. Large well-formed flowers.

Each of the above: Tr. pkt. 60c; ⅛ oz. \$1.50; ¼ oz. \$2.75; oz. \$8.25.

Choice Mixture. Tr. pkt. 50c; ⅛ oz. \$1.25; ¼ oz. \$2.25; oz. \$6.75.

DWARF VARIETIES

® **Magic Carpet.** A distinct and very dwarf type. Compact and free flowering. Suitable for rockery or borders. We offer a fine mixture of many colors. 4 to 6 inches.

Tr. pkt. 50c; ⅛ oz. \$1.00; ¼ oz. \$1.50.

® **Tom Thumb.** A very popular dwarf upright type. Base branching and very free flowering. Excellent for pots or borders. Choice mixture. 6 to 8 inches.

Tr. pkt. 40c; ¼ oz. 85c; oz. \$3.00.



ANTIRRHINUM, Tetra Mixture

RUST RESISTANT VARIETIES

MAXIMUM or SUPER GIANTS—3 ft.

This excellent type of Snapdragon is one of the finest large flowering varieties. Plants are medium tall with strong flower spikes, large florets, evenly spiked. Excellent for cutting.

Canary Bird. Brilliant canary-yellow.

Copper King. Bronze or copper-scarlet. Fine variety.

Crimson. Color pure crimson, overlaying a ground of orange.

Daffodil. Two-toned daffodil-yellow.

Loveliness. Most attractive pure rose-pink.

Michell's Cherry Queen. Brilliant cerise-rose. This is an excellent cutting variety.

® **Rosalie.** Deep rich rose, tube and lip the same color.

Shasta (Alaska). Pure white. Very early.

® **Velvet Giant.** The large fringed flowers have a pronounced velvety texture; deep crimson illumined with undertone of orange-bronze. Plants are base-branching, with 6 to 12 spikes to a plant.

® **University of California Mixture.**

All above varieties: Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75.

SUPER MAJESTIC—20 inches

A medium tall class of base branching plants with heavy compact spikes of large blooms. Excellent for both garden and cut flowers.

Superb Super Majestic Mixture.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

16,000 seeds per ounce.

Stocks are easily grown and profitable. The soil and benches should be thoroughly sterilized before planting the crop. The method of sowing the seed directly into the bench and later thinning out or transplanting to flats are both employed successfully. Seedlings can be started in October and follow through for succession crops up to about February 15. Sowing made after this date has a tendency to become blind. A 3x6 spacing with night temperatures of 50° maximum will insure production of high quality flowers.



STOCK, Giant Column

MISCELLANEOUS VARIETIES

- Ⓜ **Ball Apricot No. 20.** A strong growing buff with a faint pink tinge.
- Yellow Wonder (Gold Standard).** The color is rich creamy yellow.
- Florist Mixture.**

Each of the above Column Stocks: 1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/4 oz. \$2.75; oz. \$10.00.

TRYSONIC GIANT IMPERIAL BRANCHING TYPE

The Trysomic Stock offered produces 85% or more double flowering plants when sown from seed. In addition to this desirable trait, the percentage of any planting can be increased up to 100% at the four-leaf seedling stage as at this period of growth the young singles are noticeably weaker and can be readily distinguished from the vigorous double flowering plants.

- Ⓜ **Bright Rose**
- Ⓜ **Fiery Red**
- Ⓜ **White**
- Ⓜ **Lilac-Lavender**
- Ⓜ **Salmon-Pink**
- Ⓜ **Azure-Blue**

Choice Mixed

Each of the above; 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75;
1/8 oz. \$2.75; 1/4 oz. \$5.00; oz. \$18.00.

GIANT COLUMN, NON-BRANCHING

This type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together.

LAVENDER, BLUE and PURPLE

- Ⓜ **Silver Lilac.** (Ball No. 1.) Lilac-lavender.
- Ball Blue No. 3.** Rich dark lilac-blue.
- Ⓜ **Purple Heart No. 21.** New brilliant violet-purple; large flowering, long stemmed.

PINK, ROSE and RED

- Pacific Pink.** This is the first pure true pink Stock developed. Does well under artificial lights. Excellent for spring flowering.
- Ⓜ **Ball Pink No. 11.** Fine clear rose-pink.
- Ball Rose-Pink No. 14.** Deeper than No. 11. Strong grower.
- Ⓜ **Ball Supreme No. 22.** Fine heavy spikes of rich silvery rose.
- Chamois Pink.** (Ball No. 9.) Chamois-pink.
- Illusion.** (Ball Ruby.) Scarlet-red.

WHITE

- Ⓜ **White Giant.** A new and outstanding white non-branching Stock a week or ten days earlier. The extra large florets are a pure glistening white on a tremendous flower spike.

Avalanche is definitely the earliest of all White Column Stocks. The flower spike is particularly long and massive with very double individual florets.

- Ball White No. 2.** Long-stemmed white, slight pink blush.
- Ⓜ **Ball White No. 16.** Pure white, semi-tall, compact grower.
- Gardenia.** Shimmering glistening white.

STOCKS

GIANTS OF CALIFORNIA

Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of Column Stock, approximately 2½ to 3 feet.

Choice Mixture. Yellow, Pink, Rose, Red, Lavender, Purple, Light Blue, Chamois, and White.

½ tr. pkt. 30c; tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.25.

EARLY GIANT IMPROVED BISMARCK

An especially good class of branching habit. Very early bloomer producing a very high percentage of doubles. Suitable for greenhouse culture or growing out-of-doors. Height 2½ ft.

Canary-Yellow (Golden Ball). ⑩ **Lilac.**

Chamois. Ivory, tinted old-rose. ⑩ **Rose-Pink.**

⑩ **Elk's Pride.** Intense royal purple. **White.**

Fiery Blood-Red. Extra fine. **Mixed Colors.**

Each of the above: ½ tr. pkt. 30c; tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

EARLY-FLOWERING "NICE"

Choice Mixed. All colors.

½ trade pkt. 30c; trade pkt. 50c; oz. \$2.25.

STREPTOCARPUS

750,000 seeds per ounce.

⑩ "Wiesmoor" Hybrids

Result of 20 years breeding. The formula mixture contains 18 distinct colors and bicolors, veined and blotched designs. Very free blooming. Seedlings of 6 to 8 months produce 15 to 25 wiry stems at a time, each bearing several flowers (many fours). Flowers very large, most daintily fringed and waved.

This excellent new Streptocarpus requires a temperature of 55 to 60 degrees to develop excellent pot plants, also most attractive Orchid-like cut flowers. Originator importers trade pkts. \$1.25; 3 pkts. \$3.25.

SWEET PEAS

See page 35.



THUNBERGIA

THUNBERGIA - Black-Eyed Susan

1,200 seeds per ounce.

A very useful vine for baskets, vases, etc.

	Tr. pkt.	¼ oz.	Oz.
Mixed	\$0.30	\$0.60	\$1.80



MICHELL'S GIANT COLUMN STOCKS

LARGE-FLOWERING DWARF TEN WEEKS

For bedding there is nothing more effective. Dwarf, compact plants with fine spikes and producing a large percentage of double flowers.

Blood-Red.	Pink.	Yellow.
Dark Blue.	White.	Mixed.
Light Blue.		

Each of the above: ½ tr. pkt. 25c; tr. pkt. 40c; oz. \$2.25.

TITHONIA

3,500 seeds per ounce.

Trade pkt. Oz.

⑩ **TORCH.** All-America Silver Medal Winner. Torch is good. And Torch is easy. Heat?—Thrives on it. Pests or diseases?—None whatsoever. Anybody who can grow Zinnias can have loads of brilliant orange-scarlet, 4-inch cutting flowers like single Dahlias by midsummer on a compact plant growing only 4 to 4½ feet high. Early enough for the North, dwarf enough for the South.....

..... ¼ oz.	\$1.50	\$0.40	\$4.50
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TORENIA

375,000 seeds per ounce.

Excellent for bedding, also for baskets, window boxes, etc.

	Tr. pkt.	⅛ oz.	¼ oz.
Fournieri compacta. Dwarf. Blue. 8 in.	\$0.50	\$1.25	\$2.25
Fournieri grandiflora. Blue.....	.50	1.25	2.25



TITHONIA, Torch

Michell's

Sweet Peas

350 seeds per ounce

Winter-Flowering Giant Spencer

LAVENDER AND BLUE

- Eleanor Blue.** Light blue with silvery sheen.
- Ⓜ **Fragrance.** Clear lavender flowers; large, beautifully frilled.
- Harmony.** A beautiful clear lavender.
- Mrs. Herbert Hoover.** Flowers are clear blue; long stems.
- Top Hat.** Deep bright violet.
- Ⓜ **Triumph.** A beautiful clear shade of soft lilac-mauve.
- Twilight.** Good, long-stemmed, large flowering, lavender variety.

ORANGE AND RED

- Ball Orange Improved.** Deep glowing orange.
- Fiesta.** Finest orange-red early Sweet Pea.
- Forest Fire.** (Michell.) Giant bright orange-scarlet, duplexed flowers.
- Gorgeous.** (Michell.) A glistening golden cerise.
- Ⓜ **Top Sergeant.** (Michell.) A deep blood-red crimson.
- Ⓜ **Treasure Island.** Sparkling golden orange; flowers are huge.

MIXED COLORS

- Ⓜ **Michell's Winter-Flowering Spencer, Mixed.** From named sorts.
Oz. 50c; ¼ lb. \$1.50; lb. \$5.50.

PINK, ROSE AND SALMON

- Ball Rose Improved.** Sparkling deep rose.
- Ⓜ **Bridesmaid.** Sparkling silver-pink.
- Eileen.** Begonia-rose, with salmon shadings.
- Giant Rose.** Rose color. Extra-fine variety.
- Ⓜ **Laddie Improved.** Giant bright rose on long stems.

WHITE

- Hope.** The finest black seeded pure white.
- Ⓜ **White Champion.** Long-stemmed; pure white. White seeded.
- White Harmony.** A black-seeded variety. Large, pure paper-white.

Any of the Winter-Flowering Giant Spencers: ½ oz. 35c; oz. 60c;
¼ lb. \$1.65; lb. \$6.00.

Spring Flowering

CUTHBERTSON STRAIN

For greenhouse sowing between October and February, this strain is superior to the early or winter class.

- Coline.** Vivid, intense scarlet.
- Ⓜ **Evelyn.** Extra strong stemmed. Soft salmon-pink.
- Frank G.** Fine soft rosy lavender.
- Helen.** Blush-pink on white ground.
- Ⓜ **Janet.** Large frilled flowers of pure white.
- Ⓜ **Jessie.** Soft violet-mauve.
- Kenneth.** Rich deep crimson.
- Lois.** Similar in color to Ball Rose Queen in the winter class.
- Tommy.** A clear mid-blue.
- Ⓜ **Mixture.** A well balanced mixture of the above colors.

Any of the above, ½ oz. 35c; oz. 55c; ¼ lb. \$1.65; lb. \$5.00.

Summer-Flowering Giant Spencer

LAVENDER

- Ⓜ **King Lavender.** Fine, clear lavender. Excellent variety.

PINK, ROSE AND SALMON

- Maytime.** Huge individual flowers coming four and five to a stem. The color is a rich golden cerise.
- Salmon Gigantic.** Giant salmon-pink.
- Ⓜ **Pinkie.** Rose-pink. Extra-large flowers.

RED

- Ⓜ **Huntsman.** Bright scarlet.
- Welcome.** Giant flower. Brilliant sun-proof scarlet.

WHITE AND CREAM

- Ⓜ **Cream Gigantic.** Largest cream, black-seeded.
- Gigantic.** Black-seeded white, extra-large, wavy flowers.
- King White.** Extra large. Pure white.

Each of the above, oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

SWEET PEAS IN MIXTURE

- Ⓜ **Michell's Superb Spencer.** Blended from only the Giant Waved Spencer varieties including a number of new hybrids of exquisite colors and shades.

Oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

LITTLE SWEETHEART

Each plant makes a perfect mound of flowers just under 8 inches in height and width. Flowers are the large ruffled Spencer type. Flower early and continue in bloom for a long period. Adaptable for border, bedding, or pot plant culture.

¼ oz. \$1.50; ½ oz. \$2.50; oz. \$4.50.



SWEET PEAS—
Cuthbertson Strain

PLEASE NOTE. The pound rate will apply only where ½ pound or more of a variety is ordered.

Ⓜ Zvolanek's Multi-Flowered

This is definitely the newest thing in greenhouse Sweet Peas. This type is unusually free-flowering and the exceptional stem length carries five to six flowers instead of the usual three and four. Sweet Pea growers can readily appreciate what this will mean in better market returns over a period of a few weeks of picking. We strongly recommend them where long stems and premium quality are wanted.

Orange-Cerise. Large flowered brilliant orange.

Orchid-Lavender. Shade close to twilight; large blooms on long stems.

Rose. Extra large medium rose flowers with many 5's on extra long, heavy stems. Vigorous growth.

Salmon-Pink. Large, medium rose-pink flowers with salmon cast. 4's and 5's. Stems are extra long, but not as heavy as the above varieties.

Whirlwind. Probably the finest of the new Multi-flowered type. Extra large, light rose flowers are borne in 5's and 6's on extremely heavy 14- to 16-inch stems. Growth is very vigorous and strong.

White. Pure white. Many 5's on long, strong stems. Very promising.

Mixed.

Prices above varieties, each: ½ oz. \$1.10;
1 oz. \$2.00; 4 ozs. \$6.65; 1 lb. \$20.00.



ZINNIA, Cactus-Flowered

GIANT CACTUS FLOWERED

[®] Ice Cream

Color of rich cream! The first truly pure cream Zinnia. Not a shade of buff or yellow or white, but full-bodied cream. Giant formal cactus blooms up to 6 inches and more in diameter, one of the most worthwhile and important color editions in Zinnias. While cream is a rare color in nature and the most difficult of all flower colors to true-up, it is the most prized of all. Cream is the only color that has a tendency to harmonize and combine with all other flower colors.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75.

[®] Plus-X Cactus

The new Hybrid Zinnia. Not a strain grown as a mixture year after year as all other Zinnias, but derived by crossing the different cactus varieties and allowing the colors to segregate in the F₂ and F₃. In "Plus-X Cactus" you have hybrid size, hybrid vigor, and hybrid profusion. All in a wealth of new shades and bicolor effects found in no other Zinnia mixture. Blooms are up to 6 or 7 inches or more in diameter. Extra double cactus-like flowers, borne on extra vigorous, thrifty plants. Plus-X Cactus is the most fully double of all Zinnias.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75.

[®] Blaze

All-America Bronze Medal Winner

BLAZE bursts into bloom with a profusion of brilliant mandarin-red flowers which soften to scarlet-orange as the flowers attain size. This fiery beauty is borne on free blooming, uniform plants 28 to 32 inches tall. Blaze will delight your customers as a cut flower as well as for sensational mass displays.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$9.00.

[®] Giant Cactus Mixture

(Burpee's Hybrids)

These are immense flowered, yet informal and delicate in appearance. Our mixture has a gorgeous range of colors, from pastels to bright scarlet. Flowers average from 5 to 6 inches in size and are carried on husky stems. Their informal petal formation is extremely attractive, some flowers being ruffled, others curled and quilled. Plants are strong growing, free blooming, and ideal for cutting or garden decoration.

Tr. pkt. 50c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50.

PLEASE NOTE.—The pound rate of Zinnias will apply only where one-half pound or more of a variety is ordered.

[®] ZINNIA, TREASURE ISLAND

A new F-3 Hybrid mixture developed by crossing two varieties of Cactus type Zinnias, one red the other yellow. The result is a beautiful mixture with the deeper tones predominating. The flowers are huge, up to 6 inches in diameter, a bushy plant.

Tr. pkt. 60c; ¼ oz. \$1.25; oz. \$3.75; ¼ lb. \$12.50.



ZINNIA, California Giant

CALIFORNIA GIANT

This class makes fine cut flowers, especially for florists as they can be forced nicely in the greenhouse. These are larger than the giant Robusta and are a cross between them and the Dahlia-Flowered type. Flowers large and flat with long stems, making an excellent cut flower for the florist. Grow 2½ to 3 feet.

Brightness. Deep rose.

Cerise Queen. Orange-rose.

Daffodil. Canary-yellow.

Enchantress. Bright rose.

Golden Queen. Golden yellow.

[®] **Grenadier.** Dark red.

Isabellina. The flowers of this strain are a soft, creamy yellow. A most desirable shade for the florist. We offer a selected, carefully rogued strain.

Lavender Queen. Rosy lavender.

[®] **Miss Willmott.** Soft pink.

Orange Queen. Golden orange.

Pastel Shades.

[®] **Purity.** Best white.

[®] **Salmon Queen.** Salmon-rose.

Scarlet Queen. Deep scarlet.

Violet Queen. Purple.

[®] **Finest Mixed.**

Each of the above: Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

DWARF DOUBLE-FLOWERING

These grow about 2 feet high and are excellent for bedding as well as for cutting.

[®] **Crimson.**

Pink (Flesh).

Pinkie. Deep rose-pink.

[®] **Salmon-Rose.**

Scarlet.

[®] **Spun Gold (Butter-Yellow).**

Yellow (Golden Orange).

White.

[®] **Mixed.**

Each of the above: Tr. pkt. 30c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

ZINNIAS for Florists

2,800 to 4,600 seeds per ounce.

Zinnias are native to warm temperatures and seed should not be sown until the ground and air temperature is warm. If sown too early in a cool house or in damp soil the seed may rot—65 to 70 degrees would be considered a safe minimum for satisfactory germination.

With their beautiful, vivid and varied colors Zinnias have always been popular as a bedding plant and for cut-flower material.

® ORTHO POLKA

An improvement on Peppermint Stick with flowers twice the size. Colors range through white, rose, lavender, red, crimson, and yellow in striped and dotted variations.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75.

® **Persian Carpet.** All-America Selection. Dwarf plants 12 inches high. Early blooming. Flowers variegated.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

Peppermint Stick. Flowers are striped similar to Ortho Polka, but with smaller Pumila type flowers and shorter plants.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.25.

® **Cupid.** Compact plants about 1 foot tall, with a well-rounded, bushy habit. Each of the numerous upright stems bears a miniature flower that hardly exceeds 1 inch in diameter.

Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.

Linearis. The flowers are single in a lovely shade of orange with a lemon stripe through each petal. Early flowering.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

® **Super Crown of Gold Mixture.** The flowers are large with each petal overlaid with a golden yellow at the base. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50.



ZINNIA—
Dahlia-Flowered



LILLIPUT
ZINNIAS

LILLIPUT VARIETIES

The Lilliputs are among the most popular of Zinnias for cut-flower use. Flowers are small, perfectly double, compact and symmetrical, on strong, long stems. Fine for bedding or cut flowers. 15 to 18 inches high.

Black Ruby. Bronze Medal, All-America Selections. Deep velvety maroon, on long stems and quite true, perhaps 95 per cent. Grows 18 inches tall.

Pastel Mixture. In response to popular demand, we are pleased to offer this new mixture, composed solely of delicate shades not found in ordinary mixtures.

Canary-Yellow.

Crimson Gem.

Golden Gem.

Lilac Gem.

Purple Gem.

Rosebud. Rose-pink.

Salmon-Rose.

Scarlet Gem (Red Riding Hood).

Valencia. A new shade of burnt orange.

White Gem.

® **Mixed Colors.**

Each of the above: Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

® GIANT DAHLIA-FLOWERED

Bodger's Original Gold Medal Strain

Plants medium height, 2½-3 feet, bearing on strong stems huge fully double flowers resembling the show type of Dahlia. The blooms are distinct from the ordinary giant-flowered class, being extra large and fully double. Our list comprises the most popular varieties.

Buttercup. Deep creamy yellow.

Crimson Giant.

Dream. Deep lavender, turning to purple.

Exquisite. Light rose, center deep rose.

Golden Dawn. Bright golden yellow.

Golden State. Orange-yellow.

Luminosa. New shade of clear bright pink.

Oriole. Orange and gold.

Polar Bear. Pure white.

Royal Purple. True velvety purple.

® **Scarlet Flame.** Bright scarlet and orange.

® **Gold Medal Hybrids Mixed.**

Each of the above, trade pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

FANTASY or CHRYSANTHEMUM-FLOWERED

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect.

Floradale Scarlet. A new kind of Zinnia. Giant, scarlet-red flowers with beautiful, long, ruffled petals. Very free flowering, with long strong stems. A splendid florist's cut flower, also fine for garden use.

Melody. Rich orchid-lavender.

Orange Lady. Bright orange.

Rosalie. Intense rose-pink.

Star Dust. A bright deep golden yellow.

White Light. Pure white.

Wildfire. Dazzling scarlet; a strikingly brilliant color.

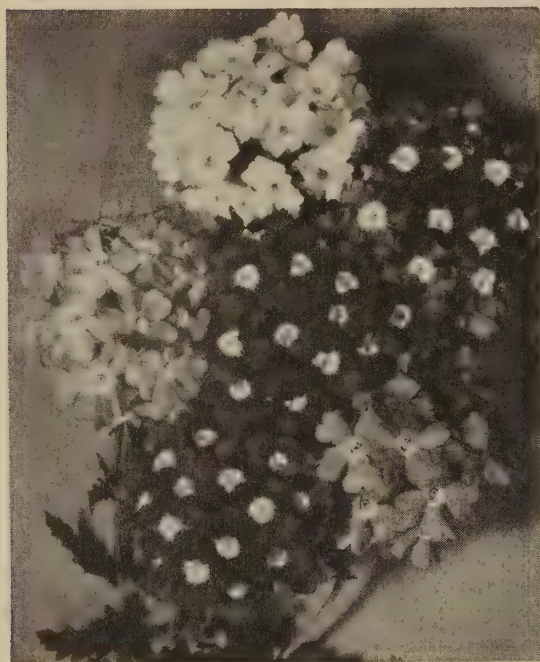
® **Mixture.** Formula mixture of all colors in this class.

Each of the above, trade pkt. 30c; ¼ oz. 50c; oz. \$1.50; 4 ozs. \$5.00.



VERBENAS

10,000 seeds per ounce.



VERBENA, Grandiflora Mixture

Upright Type

Ⓜ **Michell's Exhibition.** We offer a new strain which is the result of many years' work of careful selection. The plants are of dwarf upright habit and well branched, producing many large flower heads. Individual florets have clear distinct eyes and come in a range of fine bright florist colors. This is a very fine strain for pot plants. This year we are pleased to offer the following three new colors in this popular Florist strain of Verbena.

Rose Delight. Bright rose-pink.

Royal Blue. Clear deep blue shades.

White Star. Pure snow-white.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.50; oz. \$6.00.

Selected Mixture.

Tr. pkt. 75c; 1/8 oz. \$1.50; oz. \$5.00;
1/4 lb. \$18.00; lb. \$68.00.

Dwarf Types

Ⓜ **Crystal.** A dwarf compact plant that retains this most desirable habit throughout the entire blooming season. The large pure white florets are produced in abundance in large bouquet type clusters.

Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$4.50.

Ⓜ **Sparkle.** Identical to the above variety except in color, which is a bright scarlet-red with large white eye.

Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$4.50.

VIRGINIAN STOCK

69,000 seeds per ounce

Mixed. An easy growing border annual.

Tr. pkt. 25c; oz. 75c.

VINCA

21,000 seeds per ounce

An excellent bedding plant. Seed should be sown early.

Ⓜ **Alba.** White, with rose center. **Kermesina.** Bright red.

Ⓜ **Alba pura.** Pure white. **Rosea.** Pink.

Delicata. Soft pink. **Mixed.**

Each of the above, trade pkt. 30c; 1/4 oz. 60c; oz. \$2.00.

WALLFLOWER

14,000 seeds per ounce

Double Annual (Early Wonder Mixed). Extra early, flowering in 90 days. Excellent for forcing. Tr. pkt. 30c; 1/4 oz. 60c; oz. \$2.00.

Paris Extra Early Mixed. Single. Good forcing variety.

Tr. pkt. 20c; oz. 60c.

XERANTHEMUM Everlasting Flower

Double Mixed. Annual. For winter bouquets.

Tr. pkt. 25c; oz. \$1.25.

DELIGHT

A lovely clear shade of coral-pink suffused salmon, a distinct and new color of Verbenas. Dwarf and compact growing to a height of 5 to 6 inches with an 18-inch spread. A prolific bloomer with grandiflora sized flowers produced in great numbers. Completely eliminates the open or bare spots that develop in the center of the plants of the regular strains before the blooming season is very far along.

Tr. pkt. \$1.00; 1/8 oz. \$1.75; 1/4 oz. \$3.00; oz. \$6.50.

Giant Flowering Types

New Hybrid Grandiflora

Ⓜ **Marilyn.** An entirely new color in Verbena. A fiery cerise with a suggestion of scarlet. A small cream eye adds loveliness to this charming color. The mammoth clusters of large florets are generally produced on fine uniform plants of compact habit. This is an early strain that will bloom over an extra long season.

Ⓜ **Annapolis Blue.** A real deep Belladonna blue. A strong, husky grower with large trusses of 3-inch flowers.

Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red.

Crimson Glow. The finest and deepest red—a rich glowing crimson.

Giant White. Mammoth flowers of pure white.

Lavender Glory. This novelty is a true hybrid (and will come one-third white), but we consider the lavender flowers so worth while that we recommend it. Medium-sized, with creamy white eye.

Ⓜ **Newport Salmon (Michell's).** A fine giant-flowering, true salmon-pink with white eye. Extra-large florets.

Ⓜ **Royale.** Deep royal-blue flowers of enormous size; creamy yellow eye.

Choice Mixed.

Each of the above, trade pkt. 40c; 1/4 oz. \$1.25; oz. \$3.75.

Venosa. Heliotrope-blue. Fine for bedding.

Tr. pkt. 30c; 1/4 oz. 50c; oz. \$1.75.

Bush Types

Snow-White. The latest addition to this popular type of Verbena. Plants are very bushy, dwarf and free flowering. The color is snow-white.

Ⓜ **Firelight.** The most vivid red Verbena we have ever seen. Masses of large blooms closely spaced provide a carpet of fiery brilliance unequaled in any other border or bedding plant. Truly a supreme addition to every garden.

Starlight. A bright mid-blue with a creamy eye. Plants are of uniform, bushy habit, about 8 to 10 inches high, very free flowering. An excellent companion to Salmon Queen.

Ⓜ **Giant Salmon Queen.** The flower heads are large and well filled with large, broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8- to 10-inch, straight stems and its attractive color make it very desirable for bouquets.

Each of the above, trade pkt. 55c; 1/4 oz. \$1.30; oz. \$4.00.

Little Pinkie

This dwarf type Vinca grows about 10 inches high. The plant habit is very compact, ideal for borders or beds. The flowers are rose colored, identical with the old type; this new strain is very free flowering and will bloom continuously during the summer.

Tr. pkt. 50c; 1/8 oz. 85c;

1/4 oz. \$1.50; oz. \$4.50.

Ⓜ Varieties preceded with this symbol are especially recommended.



VINCA

* Alyssum

	30,000 seeds per ounce.	Trade pkt.	Oz.
Saxatile compactum. Golden yellow.		\$0.20	\$1.20
Saxatile compactum, Silver Queen. Pale primrose		.30	3.00
Rock Garden Hybrids, Mixed.	1/8 oz.	75c.	.50

Anchusa

	1,100 seeds per ounce.		
Italica, Dropmore. Bright blue.		.20	1.80
*Myosotidiflora. Small Forget-me-not-blue flowers. 15 in.			
	1/8 oz. \$1.35; 1/4 oz. \$2.50.	.45	7.50

Anemone - Windflower

	37,000 seeds per ounce.		
Hardy perennial. Blooms excellent for cutting.			
Caen Hybrids. Choice mixture		.50	3.00
Coronaria, St. Brigid. Semi-double. Various colors. 1 ft.			
	1/4 oz. \$1.10.	.55	3.25

* Anthemis

	85,000 seeds per ounce.		
Tinctoria Kelwayi. (Hardy Marguerite.) Bright yellow			
flowers. 2 ft.		.25	1.00



AQUILEGIA, Long-Spurred

Aquilegia - Columbine

17,000 seeds per ounce.
Long-Spurred Varieties

	Tr. pkt.	1/8 oz.	Oz.
Crimson Star	\$0.60	\$1.75	
Longissima	1/16 oz. \$1.80	.60	3.30
Copper Queen		.55	1.65
Blue Shades		.50	1.25
Orange and Scarlet Shades		.50	1.25
Pink and Rose Shades		.50	1.25
Snow Queen		.50	1.25
Mrs. Scott Elliott's	1/4 oz. \$1.50	.50	\$5.00
Hybrids	1/4 oz. 1.00	.40	3.50

Arabis - Rock Cress

	120,000 seeds per ounce.		
*Alpina. Dwarf, spring-flowering perennial for edging and			
rockery. Flowers pure white. 1 ft.	1/4 oz. 80c.	.40	2.75
*Alpina rosea. Bright rose flowers. Very dwarf. 8 in.			
	1/4 oz. \$1.30.	.50	3.75

Varieties marked * are especially suitable for rock gardens.

Tr. pkt.

Auricula - Primula Auricula

	33,000 seeds per ounce.		
*Choice Mixed. Hardy perennial with flowers of many			
beautiful colors. 6 in.	1/8 oz. \$1.75; 1/4 oz. \$3.00.	\$0.50	

Aster

	22,000 seeds per ounce.		
		Tr. pkt.	1/8 oz.
Alpinus, Mixed. 1 1/2 ft. Lavender, blue, white.		\$0.55	\$1.10
Wartburg Star. Good lavender-blue with yellow center.			
Excellent for cutting.		.75	2.00

Candytuft - Iberis

	9,500 seeds per ounce.		
		Tr. pkt.	1/4 oz.
Gibraltarica. Lilac, shading to white.		\$0.25	\$0.50
Sempervirens. Flowers white		.50	1.35
			4.75

Campanula - Bellflower

Campanula Medium - Canterbury Bells

BIENNIAL

	Tr. pkt.	1/4 oz.	Oz.
Calycanthema, Blue. Cup-and-Saucer	\$0.30	\$0.60	\$2.00
Calycanthema, Lilac	.30	.60	2.00
Calycanthema, Pink	.30	.60	2.00
Calycanthema, White	.30	.60	2.00
Calycanthema, Mixed	.30	.60	2.00
Single Blue	.25	.40	1.00
Single Pink	.25	.40	1.00
Single White	.25	.40	1.00
Single Mixed	.25	.40	1.00
Double Mixed	.25	.70	2.50

Miscellaneous Varieties

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade pkt.	1/2 oz.	1/4 oz.
Persicifolia grandiflora, Blue. Grows 3' to 4 feet			
high and produces large, bell-shaped flowers	\$0.50	\$1.25	\$2.00
Persicifolia grandiflora alba. White.	.50	1.25	2.00
Pyramidalis, Mixed. Chimney Bellflower. 5 ft.	.25	.75	1.25

Carnation, Grenadin

Perennial Varieties

14,000 seeds per ounce.

The Grenadin Carnation is an excellent early-blooming, large-flowering type, fine for cut flowers.

Black King. A fine dark red.	White. Snow-white.
Cardinal. Brilliant scarlet.	White Gold. Beautiful soft yellow.
Triumph Pink. Pure rose-pink.	Mixed.

Each of the above: Tr. pkt. 60c; 1/4 oz. \$2.00; oz. \$6.50.

Catananche

16,000 seeds per ounce.

	Tr. pkt.	1/4 oz.	Oz.
Coerulea. Light lavender-blue Centaurea-like flowers.			
2 ft.	\$0.25	\$0.75	\$2.25

Centaurea

1,600 seeds per ounce.

	Trade pkt.	Oz.
Montana. Large Cornflower with blue flowers	\$0.25	\$1.50

Cerastium - Snow-in-Summer

42,000 seeds per ounce.

1 foot

*Tomentosum. Silvery foliage. White flowers. 1/4 oz. 60c.	.25	1.75
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Cheiranthus

20,000 seeds per ounce.

Allioni. Siberian Wallflower. Orange..... ¼ lb. \$1.20..\$0.25 \$0.40

Chrysanthemum

60,000 seeds per ounce.

Korean Hybrids. Single and semi-double type in a fine color range. Excellent for cutting ¼ oz. \$4.50..\$1.00 \$2.50

(Shasta Daisy, see page 43.)

Coreopsis

12,000 seeds per ounce.

Lanceolate grandiflora. Golden yellow25 .75
Lanceolate grandiflora fl-pl. Double-flowering Coreop-
 sis. Double and semi-double flowers25 1.00



DELPHINIUM—Pacific Hybrids

Daisy, Double English Bellis perennis

135,000 seeds per ounce.

The Monstrosa varieties surpass all other strains in their strong, robust growth and extra-large, double flowers. 6 in.

Salmon Ball (New English Daisy, Bellis Enorma). The large, ball-shaped and full-petaled blooms range from medium to deep salmon-pink.
 Tr. pkt. 75c; ½ oz. \$2.00; ¼ oz. \$3.50

	Trade pkt.	½ oz.	¼ oz.	Oz.
* Monstrosa, Crimson Ball. Dark red	\$0.50	\$1.75	\$3.25	\$10.00
" Pink	.50	1.75	3.25	10.00
" White	.50	1.75	3.25	10.00
" Mixed	.50	1.75	3.25	10.00

Digitalis - Foxglove

180,000 seeds per ounce.

Excelisor Hybrids. (Biennial.) A distinct new strain with florets carried all around the stem. The color range includes white through cream to pink and purple. Strong, heavily laden spikes reach a height of 5 to 6 ft.
 Trade pkt. 50c; ¼ oz. \$1.00; oz. \$3.50.

Giant Shirley, Mixed. Enormous spikes of flowers. 3 to 5 ft.
 Trade pkt. 25c; ¼ oz. 60c; oz. \$2.00.

Monstrosa. Mammoth spikes, various colors.
 Tr. pkt. 25c; ¼ oz. 50c; oz. \$1.50.

Delphinium

Perennial Larkspur

One of the most popular perennials. Excellent for cutting.
 10,000 seeds per ounce.

SUPER-GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving splendid for cut flowers.

Black Knight Series. Deep velvety blue. Darkest of all.

Blue Bird Series. The clearest medium blue with white bee. Huge tall spikes; an excellent variety.

Bluejay Series. The true blue color which is so rare in nature and so difficult to obtain—clear medium to dark blue.

Cameliard Series. A lovely pure lavender self with white bee. Well-balanced spikes, a beautiful variety.

Galahad Series. Clear white of enormous size averaging 3 inches in diameter. Good branching habit; strong whippy stems.

Guinevere Series. A magnificent light pink-lavender with white bee; fine large spike.

King Arthur Series. A true royal purple with white bee.

Percival. White with contrasting black bee. Very attractive.

Round Table Series. This represents all of the color combinations of the knights and their ladies.

Summer Skies Series. Clear light blue with white bee. Excellent for cutting.

White Majesty. Giant; pure white.

Each of the above, trade pkt. \$1.50; ½ oz. \$2.50; ¼ oz. \$4.50; oz. \$15.00.

Mixed Colors.

Trade pkt. \$1.25; ½ oz. \$2.50; ¼ oz. \$4.00; oz. \$14.00.

Astolat Series. A fine mixture ranging from pale blush through pink, rose and lilac, with dark bees.

½ tr. pkt. \$1.25; tr. pkt. \$2.00; ½ oz. \$3.00; ¼ oz. \$5.50.

Blackmore & Langdon's Imported Strain. Plants are of strong vigorous growth and produce immense spikes of large flowers.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75.

Other Varieties

Sapphire. New. A hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. This strain possesses immense florets in comparison with Belladonna and Bellamosum. An excellent florist item.

Tr. pkt. 50c; ¼ oz. \$2.00; oz. \$6.00.

Trade pkt. Oz. ¼ lb.

Belladonna Improved (Cliveden Beauty). A very select strain. Turquoise-blue ¼ oz. \$1.25..\$0.40 \$3.75 \$12.50

Bellamosum, Improved. A dark blue type of Belladonna ¼ oz. \$1.25.. .40 3.75 12.50

Cardinale. Large, brilliant scarlet flowers..... ¼ oz. 80c.. .40 2.50

Michell's Gold Medal Hybrids. A fine strain. Long spikes of large flowers ¼ oz. \$1.00 .35 3.00 11.00

Tr. pkt. ¼ oz. Oz.

Lamartine. Deep bright marine-blue with eye. Outstanding for color and cut-flower habit \$0.50 \$1.50 \$5.00

NOTE.—The seed of Cardinale is of slow germination.

Dianthus - Pinks

Hardy Garden Varieties

Tr. pkt. Oz.

Allwoodi Alpinus Mix. 1½ inch single flowers in various shades of pink..... ¼ oz. \$1.75..\$0.40

***Caesius.** Cheddar pink. Pink ¼ oz. 60c.. .30 2.00

Clove-Scented, Double and Semi-Double, Mixed30 1.50

Deltoides, Brilliant. Maiden Pink. Dwarf. Carmine ¼ oz. \$1.50.. .40

Double Scotch, Mixed. Choice colors ¼ oz. \$1.00.. .40 3.50

Pheasant's Eye, Mixed. Single; fringed ¼ oz. 50c.. .25 1.50

***Rock Garden Species.** A mixture of 25 rare varieties ¼ oz. 85c.. .50 3.00

FORGET-ME-NOT. See Myosotis, page 42.

Dicentra

Tr. pkt. 1/32 1/16
 oz. oz.

Spectabilis (Bleeding Heart). 6,000 seeds per oz.
 32 inches \$1.50 \$2.20 \$4.00

Eximia (Plumy Bleeding Heart). 16,000 seeds
 per oz. Dwarf. 12 in. Rose-pink. ¼ oz. \$1.30 .40

Dictamnus

1,700 seeds per ounce.

	Tr. pkt.	Oz.
Fraxinella (Gas Plant). Flowers pink with dark veins.		
.....	1/4 oz. 55c.	\$0.30 \$1.85

Doronicum

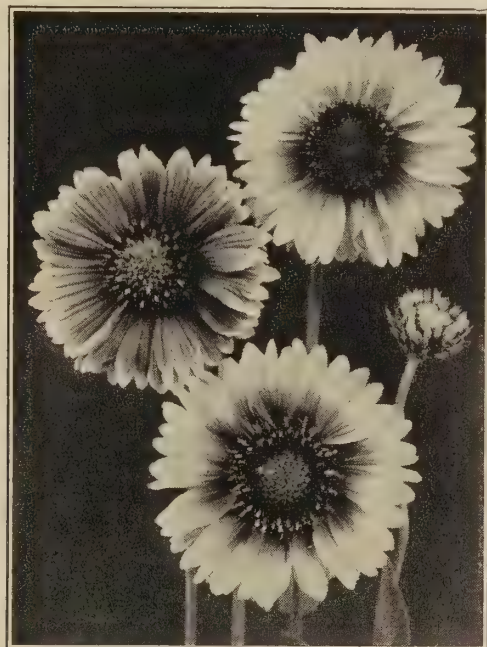
18,000 seeds per ounce.

Caucasicum Magnificent. Gerbera-like yellow flowers.		
Good for cutting	1/8 oz. \$2.25	\$ 1.00

Euphorbia

7,000 seeds per ounce.

Polychroma. Flowers in bracts of yellow, changing to rosy bronze. 1 1/2 ft.	1/16 oz. \$1.35	.60
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GAILLARDIA, Monarch

Gaillardia Grandiflora

Perennial Varieties

10,000 seeds per ounce.

Very showy and excellent for the border or for cutting. 2 1/2 to 3 ft.

	Trade pkt.	Oz.
Monarch Strain. Giant flowering. Exquisite mixed.....	.30	1.85
Portola Hybrids. Flowers of immense size, bronzy red with golden tipped petals.....	1/4 oz. 80c.	.40 2.40
Superba, Mixed	1/4 oz. \$5.50	.30 1.60
Dazzler. Flowers golden yellow with maroon center.	1/4 oz. 55c.	.30 1.85
Burgundy. Medium size flowers of coppery scarlet.	1/4 oz. 75c.	.30 2.35
Goblin. Dwarf, compact. Bi-colored red and yellow flowers.	1/4 oz. 75c.	.30 2.35

Geum

7,000 seeds per ounce.

Beautiful hardy perennials, bearing a profusion of large, showy double flowers the entire summer.

	Tr. pkt.	Oz.
Lady Stratheden. Golden yellow. 2 ft.	1/4 oz. 90c.	\$0.30 \$2.70
Mrs. Bradshaw. Brilliant scarlet flowers. 2 ft. 1/4 oz. 90c. ....	.30	2.70
Prince of Orange. True orange; large flowers. 1/4 oz. 90c. ....	.30	2.70

Gypsophila - Baby's Breath

35,000 seeds per ounce.

	Tr. pkt.	Oz.
Oldhamiana. Bright pink, fragrant flowers. Hardy.....	\$0.30	\$2.25
Paniculata. White flowers. 3 ft.	1/4 lb. \$3.00	.25 1.00
Paniculata fl.-pl. Double white flowers. Comes 30 to 40 per cent true. 3 ft.	1/4 oz. \$1.25	.40 3.75
*Repens. A pretty trailing perennial with tiny white flowers. Fine for the rock garden. 6 in.	1/4 oz. \$1.35	.45 3.90

Heuchera

750,000 seeds per ounce.

Sanguinea splendens. Coralbells. Bright vermilion blooms. Excellent for cutting. 30 in.	Tr. pkt. 60c; 1/16 oz. \$1.75; 1/8 oz. \$3.25.	
Sanguinea hybrida, Choice Mixed. 30 in.		
	Tr. pkt. 60c; 1/16 oz. \$1.75; 1/8 oz. \$3.25.	

Helleborus

3,600 seeds per ounce.

	Tr. pkt.	Oz.
Niger (Christmas Rose). Seed should be frozen before sowing, or sow out-of-doors in Fall. Flowers white. 2 1/2 inches	1/4 oz. 60c.	\$0.40 \$1.80



HIBISCUS

Hibiscus - Marshmallow

7,000 seeds per ounce.

Giant Choice Mixed.	Tr. pkt. 25c; 1/4 oz. 60c; oz. \$1.80.
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HOLLYHOCK, Chater's Double

Hollyhock

3,800 seeds per ounce.

Our seed of this popular perennial plant is saved from extra-fine double flowers and cannot be surpassed.

Improved New Triumph. Rustproof. Flowers double, waved and fringed in a selected mixture of many choice new colors.

Double Newport Pink. Pure pink.	Chater's Double White.
Chater's Double Maroon.	Chater's Double Yellow.
Chater's Double Red.	Chater's Double Mixed.
Chater's Double Salmon.	

Each of the above: Tr. pkt. 35c; 1/4 oz. 65c; oz. \$2.00.

Double Everblooming Mixed. Blooms the first year.

Tr. pkt. 25c; oz. \$1.25.

SINGLE HOLLYHOCK

	Tr. pkt.	Oz.
Mixed Colors	\$0.25	\$1.00

Honesty - Lunaria

15,000 seeds per ounce.

Tr. pkt. Oz.

Biennis alba. Biennial. Admired for its silvery seed-panicles. 3 ft. \$0.25 \$1.40

Lavender - Lavandula

32,000 seeds per ounce.

Tr. pkt. ¼ oz. Oz.

Vera. True Lavender. Fragrant blue flowers. 2 ft. \$0.50 \$1.25 \$4.00

Lathyrus latifolius - Perennial Pea

600 seeds per ounce.

A hardy climber, growing 6 feet high.

Pink Pearl

Red Pearl

White Pearl

Choice Mixed

Tr. pt. 35c; ½ oz. \$1.10; oz. \$1.90.

Liatris

9,500 seeds per ounce.

Tr. pkt. Oz.

Pycnostachya. A showy border plant with rosy purple flowers. Excellent for cutting. 4 ft. ¼ oz. \$1.00 \$0.35 \$3.00

Lily - Lilium

8,200 seeds per ounce.

Regale (L. myriophyllum). Perfectly hardy. Excellent for forcing. Flowers waxy white. .25 1.50

WHITE QUEEN. A giant, snow-white, early-flowering variety of the Philippine formosanum type. This strain bears very large flowers and will bloom in approximately 15 months from seed. ¼ oz. \$2.50; ½ oz. \$4.50 1.00

Linum - Flax

Collinum. Dwarf bright blue. .40 3.75
Flavum Compacta. Golden yellow flowers, dark green foliage. .40 2.50
Perenne. Large blue flowers. 1½ ft. .30 .90

Lupinus polyphyllus

1,000 seeds per ounce.

Effective perennial plants with large spikes of flowers.

Mixed. All colors. ¼ lb. \$4.00 \$0.25 \$1.25
New Hybrids, Mixed. .25 1.25
Russell Lupins. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never before seen in Lupins. We offer seed grown from the originator's stock. .50 2.00

Lychnis

64,000 seeds per ounce.

Hardy perennial plants of easy culture.

Chalcedonica. Scarlet cross-like flowers. 2 ft. .25 1.40

Matricaria - Feverfew

145,000 seeds per ounce.

Double White. Fine for cut flowers. 1½ ft. ¼ oz. \$2.00 \$0.40 \$6.00
Golden Ball. Bright yellow flowers. Dense habit. 8 in. .40 2.50

Myosotis - Forget-me-not

44,000 seeds per ounce.

Trade pkt. ¼ oz. Oz.

Alpestris, Pink \$0.40 \$0.75 \$2.50
Alpestris, White .40 .75 2.50
Alpestris, Victoria. Bright blue. Dwarf .50 1.50 5.00
Bluebird. Extra early-flowering; bright blue. .40 .90 3.25
Royal Blue. Dwarf indigo-blue. A fine dark blue. .40 .85 3.00
Michell's Winter-Flowering. The finest variety for forcing. Long stems. Large deep blue flowers. .50 1.00 3.50
Palustris semperflorens. Everblooming. Blue. .40 .90 3.25
Choice Mixed .25 .50 1.50

Phlox, Hardy

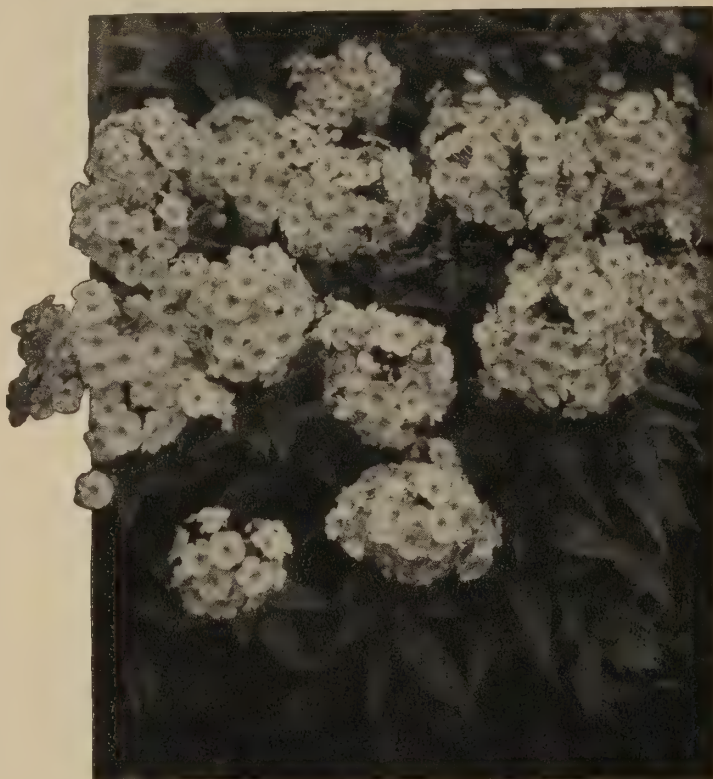
2,500 seeds per ounce.

Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring.

BELTSVILLE BEAUTY. Perennial. This new variety was developed by Dr. Sam Emsweller of U. S. D. A., Beltsville, Md. Beltsville Beauty is a broad mixture of colors. Besides the usual mauve, the mixture contains lavender, carmine, crimson, salmon-pink, pink with dark eye (similar to Painted Lady), pink-white with dark eye, and a sizeable proportion of pure paper-white. To insure good germination, seed should be frozen before planting.

Tr. pkt. 85c; ¼ oz. \$2.50; oz. \$7.50

Decussata, Mixed. Choice selection. Tr. pkt. 40c; ¼ oz. 80c; oz. \$2.50



PHLOX, Beltsville Beauty

Physalis - Chinese Lantern Plant

180,000 seeds per ounce.

Francheti. Perennial. Orange-scarlet fruits. 2½ ft. Trade pkt. ¼ oz. Oz. \$0.30 \$0.80 \$2.50

*Primula - Polyanthus

33,000 seeds per ounce.

English Mixed. Large single flowers. .50 2.00 7.00
Veris, Mixed. Cowslip. .50 2.00 7.00
Veris Colossea. (Perennial.) The largest flowered hardy Primula in as wide a color range as possible, including attractive pastel shades. A very attractive perennial for the rock garden and semi-shaded border. ¼ oz. \$3.00 1.25 5.25

Pyrethrum hybridum

Perennial Varieties

18,000 seeds per ounce.

Undoubtedly among the best hardy perennials, both for garden work and cut-flower purposes. For the florist, a row of two to three hundred plants will prove very useful. Absolutely hardy and of very easy culture. 2½ ft.

Trade pkt. ¼ oz. Oz.
Atrosanguineum. Single; dark red shades \$0.50 \$1.50 \$5.00
Roseum. Single; pink shades. .50 1.50 5.00
Hybridum, Choice Double, Mixed .60 2.75 8.25
Robinson's Giant-Flowered, Single Mixed .60 1.50 4.75



ICELAND POPPIES, Kelmscott

Poppy - Papaver Perennial Varieties

140,000 seeds per ounce.

Tr. pkt. ¼ oz.

Iceland, Kelmscott. The flowers of this strain measure as much as 3 inches across. The color range is from deep scarlet through delicate pinks and buffs to pure white...	\$0.75	1.25
Iceland, Yellow Wonder. Bright buttercup-yellow, fine for cutting	.40	.75
Iceland, Single Mixed	.25	.50
Orientele. Deep scarlet	.40	1.75
Orientele, Mrs. Perry. Rich salmon-pink	.50	1.75
Orientele, Royal Scarlet	.50	1.75
Orientele Hybrids, Mixed	.30	1.25

Scabiosa - Mourning Bride Perennial Varieties

2,400 seeds per ounce.

The seed of the perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids. Isaac House Strain. A fine improvement in the Caucasica strain, with flowers one-third larger and with longer stems. Colors range from light lavender to dark blue. Excellent for florists' use.

Tr. pkt. 45c; ¼ oz. \$1.35; oz. \$4.00.

Shasta Daisy

18,000 seeds per ounce.

Tr. pkt. Oz.

New Giant Double White. Fine for cutting. Flowers are about 5 inches in diameter and have the appearance of a giant Aster	1/16 oz. \$1.50, ½ oz. \$2.50	\$0.50
Alaska. Pure white. Excellent for cutting	.25	1.50
Conqueror. Giant-flowering white	.25	1.50

Statice - Everlasting Flower

170,000 seeds per ounce.

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

	Tr. pkt.	¼ oz.	Oz.
Caspia. Lilac. 3 ft.	\$0.30	\$0.80	\$2.75
Dumosa. Silvery gray. 2½ ft.	.40	1.00	3.00
Latifolia. Large, deep blue flowers	.30	.65	2.00

Sweet Rocket - Hesperis

15,000 seeds per ounce.

	Tr. pkt.	Oz.
Mixed. Hardy perennial. Purple and white, fragrant flowers. 3 ft.	\$0.25	\$1.00

Sweet William - Dianthus barbatus

28,000 seeds per ounce.

DWARF DOUBLE MIXED

A special selected strain of this popular flower growing only 6 to 9 inches high. An excellent variety for basket work. Contains a very fine range of colors.

Tr. pkt. 40c; ¼ oz. 90c; oz. \$3.00; ¼ lb. \$10.00
Tr. pkt. ¼ oz. Oz.

*Dwarf or Alpine. A fine strain of dwarf type, single, suitable for edging and rock gardens. Color range a selection of many bright and dark shades.	\$0.50	\$1.50	\$4.75
Crimson	.30	.75	2.50
Holborn Glory. Giant Auricula-flowered, mixed	.30	.75	2.50
Newport Pink. Salmon-pink	.40	.75	2.50
Purple Beauty. Bright deep purple	.30	.75	2.50



SWEET WILLIAM, Single Mixed

	Trade pkt.	¼ oz.	Oz.
Scarlet Beauty. Rich deep scarlet	\$0.40	\$0.75	\$2.50
Sutton's Giant White. The finest large-flowering pure white Sweet William	.40	.75	2.50
White	.30	.75	2.50
Single, Mixed. All colors	.30	.75	2.50
Double, Mixed. All colors	.30	.75	2.50

Thalictrum

12,000 seeds per ounce.

Hardy perennial plants with finely cut foliage.

	Trade pkt.	¼ oz.	Oz.
Dipterocarpum. Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft.	\$0.30	\$0.75	\$2.35

Thermopsis

6,500 seeds per ounce.

Caroliniana. Yellow, Lupin-like flowers	.30	.75	2.35
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Tritoma - Red-Hot Poker

22,400 seeds per ounce.

	Tr. pkt.	¼ oz.	Oz.
Hybrida, Mixed. 2 ft.	\$0.40	\$0.75	\$2.50

Viola cornuta - Tufted Pansies

25,000 seeds per ounce.

Georgia Peach. An exceptionally large flowered variety, bright shades of delicately peach-colored flowers on well-formed compact plants.

Tr. pkt. \$1.00; 1/16 oz. \$1.50; ½ oz. \$2.50; ¼ oz. \$4.00.

Trade pkt ¼ oz. Oz.

Arkwright Ruby. This new variety is of the large-flowered type. Very fragrant beautiful bright rosy crimson blooms with terra cotta shadings make it a very outstanding variety	1/8 oz. \$1.10	\$0.60	\$2.00	\$6.00
Jersey Gem. This is the most popular and free-blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom	1/8 oz. \$2.25	.60	3.75	10.25
Blue Perfection. Light blue	.60	2.00	6.00	
Chantreyland. New. A fine new variety in a pure apricot outstanding in color	1/8 oz. \$1.10	.60	2.00	6.00
White Perfection. Pure white	.60	2.00	6.00	
Yellow Perfection. Golden yellow	.60	2.00	6.00	
Mixed. All colors	.60	2.00	6.00	
Scotch Bedding, Mixed. Produces larger flowers than V. cornuta	1/8 oz. \$1.10	.60	2.00	6.00

Wallflower

14,000 seeds per ounce.

	Tr. pkt.	¼ oz.	Oz.
Double Annual "Early Wonder Mixed." Extra-early flowering, flowers in 90 days	\$0.30	\$0.60	\$2.00
Paris Extra-Early, Mixed. Single. Blooms the first year from seed. Excellent for forcing	.20		.60



Vegetable Seeds

ASPARAGUS ROOTS—2-Year-Old

(Ready about March 20th for spring planting.)

Mary Washington. \$3.00 per 100 roots; \$27.50 per 1000 roots.

BEANS

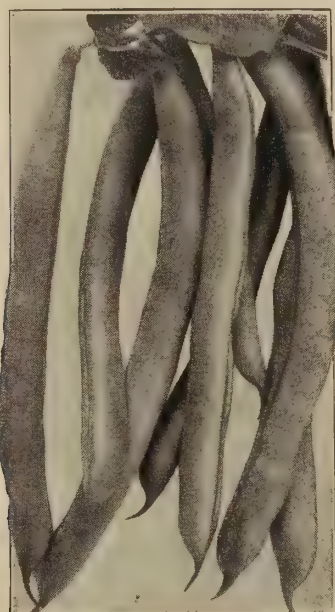
Dwarf

Green-Podded Varieties

	Lb.	5 lbs.	10 lbs.	100 lbs.
Bountiful. 47 days	\$0.50	\$2.25	\$4.50	\$37.00
Improved Stringless Green-Pod. 50 days	.50	2.25	4.50	37.00
Tendergreen. 51 days	.50	2.25	4.50	37.00
Topcrop. 50 days	.50	2.25	4.50	37.00

Yellow-Podded Varieties

Cherokee (Valentine Wax). 55 days	\$0.50	\$2.25	\$4.00	\$37.50
Improved Rustproof Golden Wax. 51 days	.50	2.25	4.00	37.50
Pencil-Pod Black Wax. 55 days	.50	2.25	4.00	37.50



BEAN,
Bountiful

Pole

One pound will plant 150 to 200 hills; about 20 pounds, an acre.

	Lb.	5 lbs.	10 lbs.	100 lbs.
Kentucky Wonder or Old Homestead. 65 days	\$0.50	\$2.25	\$4.50	\$37.00
Kentucky Wonder Wax. 68 days	.55	2.50	4.50	42.00

Bush Limas

	Lb.	5 lbs.	10 lbs.	100 lbs.
Fordhook 242. 72 days	\$0.50	\$2.50	\$4.50	\$42.00
Henderson's. 67 days	.55	2.50	4.50	42.00

BEETS

One ounce will sow a row about 50 feet long; 5 pounds, an acre.

	Oz.	1/4 lb.	Lb.
Crimson Globe. 65 days	\$0.15	\$0.50	\$1.50
Crosby's Egyptian. Special Strain. 55 days	.20	.65	2.25
Detroit Dark Red. Special Strain. 56 days	.20	.65	2.25
Early Wonder. 55 days	.15	.50	1.50
Winter Keeper. 70 days	.15	.50	1.50

CABBAGE

One ounce will produce about 3,000 plants; 4 ounces, enough for an acre.

Yellows-Resistant Varieties

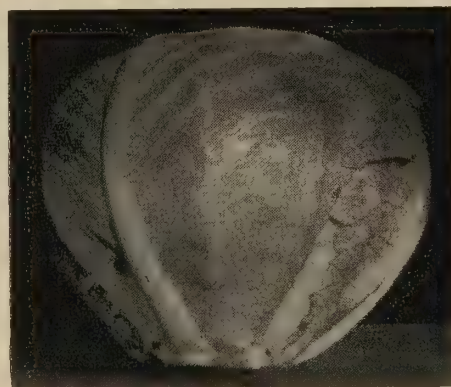
	Oz.	1/4 lb.	Lb.
Wisconsin All Season. 90 days	\$0.90	\$3.00	\$9.00
Golden Acre Resistant. 64 days	.75	2.50	7.50
Jersey Queen. 66 days	.60	2.00	6.00
Marion Market. 79 days	.60	2.00	6.00
Wisconsin Hollander No. 8. 105 days	.60	2.00	6.00

Early Varieties

Copenhagen Market. 69 days	.60	2.00	6.00
Extra Early Jersey Wakefield. 63 days	.45	1.50	4.50
Golden Acre. 64 days	.60	2.00	6.00
Charleston or Large Wakefield. 74 days	.45	1.50	4.50
Red Acre. 70 days	.60	2.00	6.00

Late or Winter Varieties

Danish Ballhead. 103 days	.60	2.00	6.00
Late Flat Dutch. 100 days	.60	2.00	6.00
Mammoth Red Rock. 100 days	.60	2.00	6.00
Savoy Chieftain. 88 days	.60	2.00	6.00



CABBAGE

CARROTS

One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre.

	Oz.	1/4 lb.	Lb.
Chantenay Half-Long. Special. 72 days	\$0.40	\$1.20	\$3.60
Danvers Half-Long. 75 days	.30	.90	2.70
Coreless or Nantes Half-Long. 70 days	.30	.90	2.70
Oxheart or Guerande. 72 days	.30	.90	2.70

CANTALOUPE or MUSKMELON

	Oz.	1/4 lb.	Lb.
Hale's Best. No. 36. 82 days	\$0.35	\$1.20	\$3.50
Honey Rock. 81 days	.35	1.20	3.50
Pride of Wisconsin. 90 days	.35	1.20	3.50

CAULIFLOWER

One ounce will produce about 3,000 plants.

	1/8 oz.	1/4 oz.	Oz.	1/4 lb.
Danish Giant. 95 days	\$0.50	\$0.80	\$2.40	\$8.00
Early Snowball. 54 days	.50	.80	2.40	8.00
Snowdrift. 55 days. One of the best varieties for shipping long distances	.50	.80	2.40	8.00
Super Snowball. 55 days. A highly desirable main-crop variety	.50	.80	2.40	8.00
Veitch's Autumn Giant. 85 days	.50	.80	2.40	8.00

CELERY

One ounce will produce 3,000 to 5,000 plants; ½ pound will sow an acre.

	½ oz.	Oz.	¼ lb.	Lb.
Giant Pascal. 138 days.....	\$0.50	\$0.90	\$3.00	\$9.00
Golden Self-Blanching. 114 days.....	.50	.90	3.00	9.00
Summer Pascal, Waltham Strain. 110 days .....	.55	1.00	3.35	10.00
Super Plume. 114 days.....	.55	1.00	3.35	10.00

SWEET CORN

One pound will plant about 150 hills; 12 to 15 pounds, an acre.

HYBRID TYPES

	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Big Mo. 81 days. Honorable Mention, All-America Selections	\$0.50	\$2.40	\$4.60	\$11.00	\$42.00
Golden Cross Bantam. 83 days ..	.50	2.40	4.40	10.50	40.00
Goldrush. 69 days. The finest large-eared, extra-early hybrid .....	.50	2.40	4.60	11.00	42.00
Hybrid Stowell's Evergreen. 93 days .....	.55	2.70	5.20	12.00	46.00
Ioana. 83 days.....	.50	2.35	4.50	10.50	40.00
Lochief. 83 days. Gold Medal, All-America Selections .....	.55	2.70	5.20	12.25	46.00

Open-Pollinated Types

	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Country Gentleman. 95 days.....	\$0.45	\$1.90	\$3.50	\$8.25	\$31.00
Golden Bantam. 79 days.....	.40	1.80	3.40	8.00	30.00
Stowell's Evergreen. 95 days.....	.40	1.80	3.40	8.00	30.00
Vanguard (Improved Howling Mob). 73 days .....	.40	1.80	3.40	8.00	30.00

GARDEN CRESS - Pepper Grass

	½ oz.	Oz.	¼ lb.	Lb.
Extra Curled	\$0.30	\$0.50	\$1.00	\$2.50
Water Cress .....	.55	1.00	3.00	9.00

CUCUMBERS

One ounce will sow 60 hills; 2 to 3 pounds, an acre.

	Oz.	¼ lb.	Lb.	5 lbs.
Arlington White Spine. 62 days.....	\$0.35	\$0.85	\$2.50	\$11.50
Early Fortune. 64 days.....	.30	.80	2.35	11.00
Early Market. 60 days.....	.30	.75	2.25	10.75
Improved Long Green. 67 days.....	.30	.90	2.75	13.25
Marketer. 65 days.....	.35	1.00	2.85	13.00
National Pickling. 56 days.....	.30	.80	2.25	10.50
Straight Eight. 66 days.....	.30	.80	2.35	11.50
Forcing Cucumber, Telegraph	10 seeds 35c; 100 seeds	\$3.00.		

HYBRID CUCUMBER

Early Sure-Crop Hybrid. 58 days. Bronze Medal, All-America Selections.

1/16 oz. 50c; ¼ oz. \$1.40; ½ oz. \$2.25; oz. \$4.20; ¼ lb. \$12.50

DANDELION

	Oz.	¼ lb.	Lb.
Italian	\$0.50	\$1.50	\$4.50

EGGPLANT

One ounce will produce 1,000 to 2,000 plants.

Days quoted cover period that plants are set outside to marketable stage. From seed, add 30 days more.

	½ oz.	Oz.	¼ lb.	Lb.
Black Beauty. 80 days	\$0.45	\$0.85	\$2.50	\$7.50
Florida High Bush. 85 days .....	.50	.90	2.75	8.00
Fort Myers Market. 85 days .....	.50	.90	2.75	8.00
New Hampshire Hybrid. 68 days .....	.50	.90	2.75	8.00
New York Improved. 88 days.....	.50	.90	2.75	8.00

ENDIVE - Chicory

One ounce will sow 200 feet of row.

	Oz.	¼ lb.	Lb.
Full-Hearted Batavian. 88 days.....	\$0.30	\$0.90	\$2.70
Improved Green Curled. 95 days.....	.30	.90	2.70
White Curled. 95 days.....	.30	.90	2.70

VEGETABLES FOR FLAT SALES

Cabbage	Celery	Peppers
Cauliflower	Eggplant	Tomatoes

KOHLRABI

One ounce will sow about 200 feet of drill.

	Oz.	¼ lb.	Lb.
Early White Vienna. 55 days.....	\$0.30	\$1.00	\$3.00
Purple Vienna. 62 days.....	.30	1.00	3.00

LEEK

One ounce will sow about 100 feet of drill.

	Oz.	¼ lb.	Lb.
American Flag. 142 days.....	\$0.45	\$1.50	\$4.50
Giant Carentan. 150 days.....	.45	1.50	4.50

LETTUCE

One ounce will produce about 2,500 plants.

Heading Varieties

	Oz.	¼ lb.	Lb.
Bibb. 60 days.....	\$0.30	\$1.00	\$3.00
Big Boston. 75 days.....	.30	1.00	3.00
Great Lakes. 82 days. Bronze Medal, All-America Selections.....	½ oz. 35c.	.50	1.70
Imported No. 44. 82 days.....	.50	1.60	4.80
New York No. 12. 80 days.....	.50	1.60	4.80

Loose-Leaf or Cutting Varieties

	Oz.	¼ lb.	Lb.
Grand Rapids. 43 days.....	\$0.25	\$0.80	\$2.40
Salad Bowl .....	.60	1.85	6.00

MUSHROOM SPAWN

Pure Culture Brick Spawn

Per brick	\$0.55
Per 5 bricks	2.60
Per 10 bricks	5.00

OKRA - Gumbo

One ounce will sow 100 feet of drill.

	1/4 lb.	Lb.	5 lbs.
Clemson Spineless. 55 days	\$0.45	\$1.20	\$5.75
Dwarf-Stalked Long Green Pod. 52 days .....	.45	1.20	5.75
Perkins Mammoth Long Pod. 64 days .....	.45	1.20	5.75

ONION

One ounce will sow 100 feet of row; 5 to 6 pounds an acre.

If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

	1/2 oz.	Oz.	1/4 lb.	Lb.
Bermuda White. 93 days	\$0.40	\$0.70	\$2.30	\$6.90
Early Yellow Globe. 98 days .....	.40	.70	2.30	6.90
Prizetaker. 105 days .....	.40	.70	2.30	6.90
Sweet Spanish. Utah Strain. 110 days .....	.40	.70	2.30	6.90
Yellow Globe Danvers. 110 days .....	.40	.70	2.30	6.90
Southport Yellow Globe. 115 days .....	.40	.70	2.30	6.90

ONION SETS

One pound will plant 50 feet of row; 8 bushels an acre. 32 lbs. per bu.
Shipped on local orders after March 15, unless otherwise requested.

White Yellow Shallots

Prices on application.

PARSLEY

One ounce will sow 150 feet of row; 5 pounds, an acre.

	Oz.	1/4 lb.	Lb.	5 lbs.	10 lbs.
Champion Moss Curled. 70 days	\$0.35	\$0.65	\$1.90	\$9.25	\$17.50
Double Curled. 70 days .....	.35	.65	1.90	9.25	17.50
Hamburg or Rooted. 90 days .....	.35	.65	1.90	9.25	17.50
Plain or Single. 72 days .....	.35	.65	1.90	9.25	17.50

PARSNIP

One ounce will sow 100 feet of row.

	Oz.	1/4 lb.	Lb.	5 lbs.
Improved Hollow Crown. 95 days	\$0.25	\$0.55	\$1.55	\$7.50

PEANUTS

Selected Virginia. 145 days60	2.50
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ALL PRICES SUBJECT TO MARKET CHANGES

PEAS

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre.

Extra-Early Varieties

	Lb.	5 lbs.	10 lbs.	100 lbs.
Alaska. 56 days	\$0.35	\$1.65	\$3.10	\$28.00
Blue Bantam. 55 days .....	.35	1.65	3.10	28.00
Early Bird. 60 days .....	.35	1.65	3.10	28.00
Mammoth Pod Extra Early. 50 days .....	.35	1.65	3.10	28.00
Gradus or Prosperity. 60 days .....	.35	1.65	3.10	28.00
Laxtonian. 63 days .....	.35	1.65	3.10	28.00
Laxton's Progress. 62 days .....	.35	1.65	3.10	28.00
Little Marvel. 64 days .....	.35	1.65	3.10	28.00
Meteor. 54 days .....	.35	1.65	3.10	28.00
First & Best. 56 days .....	.35	1.65	3.10	28.00
Freezonian. 62 days. Bronze Medal, All-America Selections .....	.35	1.65	3.10	28.00
Thomas Laxton. 62 days .....	.35	1.65	3.10	28.00

Second-Early and Late Varieties

Alderman. 74 days .....	.35	1.65	3.10	28.00
Tall Telephone. 75 days35	1.65	3.10	28.00

Sugar or Edible-Podded Peas

Dwarf Gray Sugar. 65 days35	1.65	3.10	28.00
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PEPPER,
California
Wonder

PEPPERS

One ounce will produce about 1,200 plants.

	Oz.	1/4 lb.	Lb.
Bell or Bull Nose. 64 days. Special	\$0.65	\$2.20	\$6.50
California Wonder. 75 days. Sweet .....	.75	2.70	7.50
Calwonder Early. 68 days .....	.75	2.70	7.50
Hungarian Wax. Hot. 65 days .....	.75	2.70	7.50
Keystone Wonder Giant. 74 days	1.10	3.25	9.75
King of the North. 64 days .....	.60	2.00	6.00
Large Red Cherry. Hot. 82 days .....	.70	2.40	7.00
Long Red Cayenne. Hot. 70 days .....	.60	2.00	6.00
Pimiento. 73 days. Sweet .....	.75	2.50	7.50
Ruby King. 68 days. Sweet .....	.65	2.25	6.50
Sweet Banana	1.00	3.35	10.00
World Beater No. 13. 68 days. Sweet .....	.60	2.00	6.00

PUMPKINS

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre.

	Oz.	¼ lb.	Lb.
Connecticut Field. 118 days	\$0.20	\$0.70	\$2.10
King of the Mammoths. 120 days .....	.30	.70	2.10
Small Sugar. 110 days.....	.20	.70	2.10
Winter Luxury. 100 days.....	.20	.70	2.10



RADISH, Cherry Belle

RADISHES

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre.

Early Varieties

	Oz.	¼ lb.	Lb.
Cherry Belle. Round and red as a Cherry, with short top. 25 days.....	\$0.20	\$0.50	\$1.50
Comet. 25 days.....	.20	.45	1.35
Early Scarlet Globe. 25 days.....	.20	.45	1.35
Long White Icicle. 27 days.....	.20	.45	1.35
Long Scarlet Short-Top. 28 days.....	.20	.45	1.35
Scarlet Turnip, White-Tipped. 26 days.....	.20	.45	1.35

Summer and Winter Varieties

	¼ lb.	Lb.	5 lbs.	10 lbs.
Celestial or White Chinese. 60 days.....	\$0.45	\$1.25	\$6.00	\$11.25
Round Black Spanish. 56 days .....	.45	1.25	6.00	11.25

RUTABAGA

	¼ lb.	Lb.	5 lbs.
American Purple-top Yellow. Special strain, 90 days	\$0.40	\$1.10	\$5.00
Golden Neckless. 85 days.....	.45	1.25	6.00

SALSIFY - Oyster Plant

One ounce will sow 50 feet of drill; 10 pounds, an acre.

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island. 160 days.....	\$0.50	\$1.50	\$4.50

SORREL

	½ oz.	Oz.	¼ lb.	Lb.
Broad-Leaved French. 60 days	\$0.40	\$0.75	\$2.25	\$6.75

SPINACH

One ounce will sow 75 feet of drill; 10 to 12 pounds, an acre.

	¼ lb.	Lb.	5 lbs.
Bloodsdales Long-Standing Savoy. 42 days.....	\$0.25	\$0.75	\$3.00
Virginia Blight-Resistant Savoy. 39 days.....	.25	.75	3.00
New Zealand. 70 days.....	.35	.85	3.50



SQUASH, Coccozelle



SQUASH, Yellow Crookneck

SQUASH

One ounce will sow 20 to 50 hills; 3 to 4 pounds, an acre.

	Oz.	¼ lb.	Lb.
Caserta. 50 days. Gold Medal, All-America Selections	\$0.35	\$1.00	\$3.00
Coccozelle or Italian. Vegetable Marrow. 64 days.....	.30	.85	2.35
Early Prolific Straightneck. 50 days.....	.30	.85	2.35
Early Yellow Summer Crookneck. 52 days.....	.30	.85	2.35
Early White Bush. 52 days.....	.30	.85	2.35
Table Queen or Acorn. 58 days.....	.30	.85	2.35
Zucchini. 62 days.....	.30	.85	2.35

Fall and Winter Varieties

Boston Marrow. 97 days.....	.30	.80	2.35
Butternut. 90 days.....	.30	.80	2.35
Delicious. 102 days. Green.....	.30	.85	2.35
Green Hubbard. 105 days.....	.30	.85	2.35

SWISS CHARD - Spinach Beet

One ounce will sow a row about 50 feet long.

	Oz.	¼ lb.	Lb.
Giant Lucullus. 50 days.....	\$0.15	\$0.50	\$1.50
Rhubarb. 55 days.....	.15	.50	1.50

WATERMELONS

One ounce will sow 30 hills; 4 pounds, an acre.

	Oz.	¼ lb.	Lb.
Congo. 90 days. Bronze Medal, All-America Selections	\$0.40	\$1.20	\$3.50
Dixie Queen. Wilt resistant. 85 days.....	.40	1.20	3.50
Harris' Earliest. 75 days.....	.40	1.20	3.50
Kleckley's Sweets. 85 days.....	.40	1.20	3.50
New Hampshire Midget. 67 days. Gold Medal, All-America Selections.....	.40	1.20	3.50

TOMATOES

One ounce will produce 3500 plants; $\frac{1}{4}$ pound, enough for an acre.

ALL VARIETIES OF TOMATOES MARKED "SPECIAL STRAIN" ARE CERTIFIED STOCK

Standard Varieties

	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
Bonny Best. 73 days.....	\$0.40	\$0.60	\$2.00	\$ 6.00
Break o' Day. 70 days.....	.45	.80	2.70	8.00
Beefsteak or Crimson Cushion. 90 days. Immense, crimson-scarlet, solid fruit.....	.45	.80	2.70	8.00
Earliana (Penn State). 66 days.....	.50	.90	3.00	9.00
Golden Ponderosa. 88 days.....	.60	1.00	3.00	9.00
Italian Salad. 73 days.....	.75	1.20	4.00	12.00
Jubilee. 72 days. Bright orange-yellow.....	.50	.90	3.00	9.00
Marglobe. Special Strain. 77 days. An extra-fine selection of the originator's stock.....	.60	1.00	3.25	10.00
Oxheart. 90 days.....	.65	1.10	3.50	10.50
Ponderosa. 88 days.....	.50	.90	3.00	9.00
Pritchard Special Strain......	.45	.75	2.50	7.50
Queens. 70 days.....	.45	.75	2.50	7.50
Rutgers, Special Strain. 78 days.....	.45	.75	2.50	7.50
Stokesdale......	.45	.75	2.50	7.50
Stone. 85 days.....	.40	.65	2.25	6.50
Valiant. 66 days.....	.45	.75	2.50	7.50
Victor. 66 days.....	.45	.75	2.50	7.50

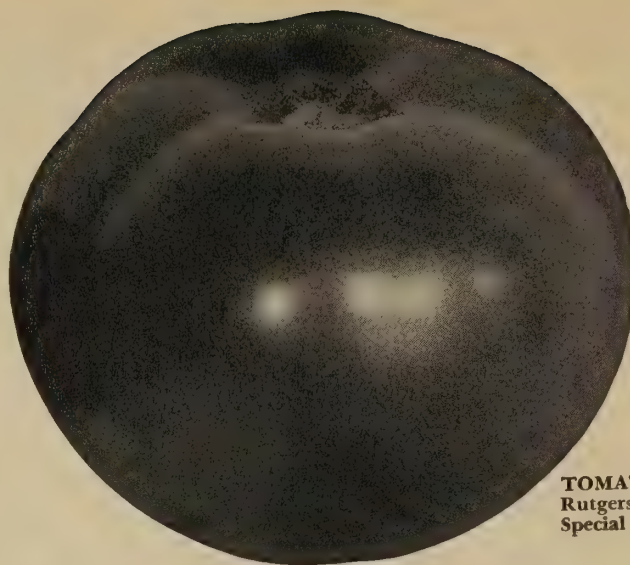
Small-Fruited Tomatoes

	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Red Cherry	\$0.25	\$0.75	\$2.50
Red Pear.....	.25	.75	2.50
Yellow Plum.....	.25	.75	2.50
Yellow Pear.....	.25	.75	2.50

TURNIPS

One ounce will sow 100 feet of drill; 2 pounds an acre, broadcast.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Purple-Top White Globe. 57 days.....	\$0.15	\$0.35	\$1.00
Southern Seven-Top.....	.15	.35	1.00
Yellow Globe or Amber. 75 days.....	.15	.35	1.00



TOMATO,
Rutgers
Special Strain

Hybrid Tomatoes

	Tr. pkt.	$\frac{1}{4}$ oz.	Oz.
Hybrid Early Prolific. 58 days. A true first-generation hybrid with excellent dark red fruit. 1/16 oz. \$2.25; $\frac{1}{8}$ oz. \$4.25.....	\$ 1.00	\$ 7.50	\$25.00
Michell's Hybrid Early Delicious. 60 days. Heavy early yielder. Fruit medium large, color deep red, very smooth, uniform in shape and size. 1/16 oz. \$2.00; $\frac{1}{8}$ oz. \$3.75.....	1.00	7.00	22.00
Michell's Hybrid Early Giant. 62 days. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00.....	1.40	10.00	35.00
Michell's Hybrid Mr. Big. 72 days. Fruits are globular and slightly flattened, bright red, solid fleshed and excellent flavor. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00.....	1.40	10.00	35.00
Hybrid Wonder Boy. 68 days. A new hybrid variety bred for extremely large size fruits and heavy yield. 1/16 oz. \$4.00; $\frac{1}{8}$ oz. \$6.00.....	1.40	10.00	35.00

Forcing Tomatoes

	1/16oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Selandia. Very resistant to disease; early and prolific. The fruits are round, bright red.....	Tr. pkt.	80c.	\$1.50	\$2.50	\$4.50 \$8.00 \$15.00
Michigan State Forcing. 75 days.....	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.		
	\$0.80	\$1.50	\$4.50		

MICHELL'S LAWN SEED

"40% MERION MIXTURE"

For a lawn that stays greener in the summer, produces a thicker turf and withstands closer mowing. Will plant $2\frac{1}{2}$ times the area of regular grass seed.

Lb. (24 per case) \$31.20; retail, \$1.95. 5 lbs. (12 per case) \$75.60; retail, \$9.45. 25 lbs. \$30.50; 100 lbs. \$120.00.

"GREEN VELVET"

A blend of strong and permanent grasses suitable for the finest lawn. With proper care this mixture will produce a fine, deep-rooted turf, sturdy enough to withstand constant use.

Lb. (24 per case) \$26.40; retail, \$1.65.
5 lbs. (12 per case) \$63.60; retail, \$7.95.
25 lbs. \$25.50; 100 lbs. \$100.00.

"EVERGREEN"

This mixture will produce a very desirable turf of fine-bladed, hardy grasses capable of withstanding considerable wear and periodic dry spells.

Lb. (24 per case) \$21.60; retail, \$1.35.
5 lbs. (12 per case) \$51.60; retail, \$6.45.
25 lbs. \$20.50; 100 lbs. \$80.00.

"FAIRMOUNT PARK"

A mixture meeting the requirements of those desiring a moderately priced grass seed. Satisfactory for the average lawn.

Lb. (24 per case) \$15.60; retail, 98c. 5 lbs. (12 per case) \$37.80; retail, \$4.70. 25 lbs. \$14.70; 100 lbs. \$56.50.



"SHADED LAWN"

Will produce a healthy turf in heavily shaded places where other grasses may not survive.

Lb. (24 per case) \$21.60; retail, \$1.35. 5 lbs. (12 per case) \$51.60; retail, \$6.45. 25 lbs. \$20.50; 100 lbs. \$80.00.

Grasses in Separate Varieties

	100 lbs.
Colonial Bent, Certified Blue Tag	\$ 68.00
Seaside Bent, Certified Blue Tag	155.00
Highland Bent, Certified Blue Tag	43.00
Astoria Bent, Certified Blue Tag	68.00
Kentucky Blue Fancy	65.00
Merion Blue	130.00
Kentucky-31 Fescue	19.00
Chewings Fescue	51.00
Creeping Red Fescue	51.00
Poa Trivialis	43.00
Red Top Fancy	42.00
Rye, Domestic	11.00
Rye, Perennial	12.00

Special Quantity Prices Will Be Given on Large Orders.
ALL PRICES SUBJECT TO MARKET CHANGE.

WHITE DUTCH CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired.

$\frac{1}{4}$ lb. (24 per case) \$9.60; retail, 55c. $\frac{1}{2}$ lb. (24 per case) \$15.60; retail, 98c. Lb. (12 per case) \$12.00; retail, \$1.50. 5 lbs. \$4.90; 10 lbs. \$9.60; 25 lbs. \$23.50.

Michell's Top Quality Bulbs



TUBEROUS BEGONIA

Novelty BEGONIAS

We can supply limited quantities of the following novelty types of California-Grown Begonias:

Marmorata	Picotee	Multiflora	Crested
Prices:			25 100
2-2½ in.			\$6.00 \$22.50

BEGONIAS - Tuberous Rooted

(Late December-May Delivery)

Start forcing January, February or March, depending on when you want them to flower. Place bulbs in flats, using light porous soil, covering them to a depth of 1 inch above the bulb. Be careful in watering, keeping the soil just moist, too much water will rot the bulbs.

Transplant to 4-inch pots when plant begins to develop. If wanted in larger pots, shift when well rooted.

DOUBLE CAMELLIA-FLOWERED

BELGIAN GROWN

Delivery—December, January.

Orange, Pink, Salmon, Rose, Scarlet, Yellow, White, and Mixed

PRICES

	25	100	1000
1¼-1½ in.	\$2.00	\$ 6.25	\$ 52.00
1½-2 in.	3.00	11.00	95.00
2-2½ in.	4.50	16.00	145.00

CALIFORNIA GROWN

Delivery—January-February

White, Pink, Scarlet, Orange, Yellow, Salmon, Apricot, and Mixed

PRICES

	25	100	1000
1¼-1½ in.	\$3.00	\$10.50	\$ 95.00
1½-2 in.	4.00	15.00	140.00
2-2½ in.	5.25	19.50	185.00

DOUBLE CARNATION-FLOWERED

CALIFORNIA GROWN

Red
Orange

Pink
White
Mixed

Salmon
Yellow

	25	100	1000
1½-2 in.	\$4.00	\$15.00	\$140.00
2-2½ in.	5.25	19.50	185.00

PENDULA or HANGING BASKET TYPE

(California Grown)

Available in mixed colors only.

1½ to 2 inches: 25 for \$4.00; \$15.00 per 100; \$140.00 per 1000.
2 in. up: 25 for \$5.25; \$19.50 per 100; \$185.00 per 1000.

SINGLE CRISPA or FRILLED, MIXED

(California Grown)

1½ to 2 inches: 25 for \$4.00; \$15.00 per 100; \$95.00 per 1000.
2 in. up: 25 for \$5.25; \$19.50 per 100; \$185.00 per 1000.

CULTURE

Start forcing February, March or April, depending on when you want them to flower. Place bulbs in flats, using light porous soil, covering them to a depth of 1 inch above the bulb. Be careful in watering, keeping the soil just moist, too much water will rot the bulbs.

Transplant to 4-inch pots when plant begins to develop. If wanted in larger pots, shift when well rooted.



GLOXINIA

GLOXINIAS

(October-April Delivery)

An ideal pot plant for Mother's Day, Decoration Day, or for spring bedding, as they always command a good price.

Blanche de Meru. Pink.

Emperor Frederick. Enormous red flowers bordered white.

Emperor William. Purple, bordered white.

Etoile de Feu. Scarlet.

Mont Blanc. White.

Roi des Rouges. Dark red.

Tigrina. Tigered and spotted.

Violacea. Purple.

Choice Mixed Colors.

1½- to 2-in. bulbs

25 for \$4.50; 100 for \$16.00; 1000 for \$150.00.

2- to 2½-in. bulbs

25 for \$6.00; 100 for \$22.50; 1000 for \$210.00.

GLOXINIA CULTURE

Start bulbs in 4-inch pots using a mixture of leaf mold, sand, and a little well rotted cow manure with good bottom heat. As the leaves appear keep shaded and be very careful with the watering. It might be safer to use a watering can and examine each plant and do not water unless necessary. However, they like a moist soil, so make sure they do not get dry. Keep leaves dry although on a hot day they may be moistened early in morning, but do not wet them every day or you will lose them. While they want a little shade do not overdo it or you will get all foliage and no flower.

Michell's BULBS FOR RESALE

BULB DISPLAY CASES

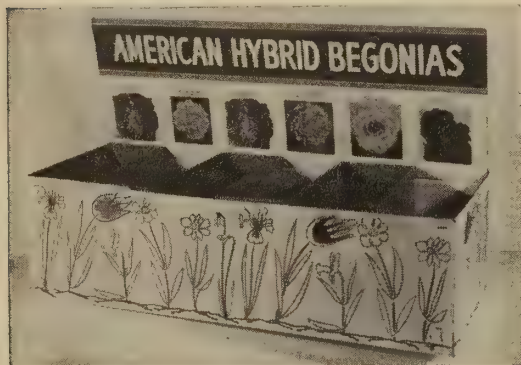
Here are three top-notch display cases that have been tremendously popular. You don't have to worry about stocking a large inventory or of setting up an elaborate display. Each inviting display case has attractive full color pictures of each item contained. Try one of each as a starter.

BEGONIA DISPLAY CASE

CALIFORNIA GROWN

(January-April Delivery)

This is an attractive selling carton which we feel sure every progressive retailer will want to help increase his sales. The display case is 28x11x9 in.; the display back is 28x9 in. Printed over-all in two colors on white board.



We offer these in two separate cartons. One contains six separate colors of the Double Camellia-Flowered type, and the other six types in mixed colors, such as Marmorata, Crispa, Picotee, Multiflora, Hanging Basket and Cristata.

The above two cartons are offered in the following sizes and quantities:

No. 1.	1 - 1¼ in.,	400 bulbs,	80 each,	5 colors	.....	\$28.50
No. 2.	1¼-1½ in.,	300 bulbs,	60 each,	5 colors	.....	28.50
No. 3.	1½-2 in.,	200 bulbs,	40 each,	5 colors	.....	32.50
No. 4.	2 - 2½ in.,	150 bulbs,	30 each,	5 colors	.....	32.50
No. 5.	2½ in. up,	100 bulbs,	20 each,	5 colors	.....	28.50

CALADIUM DISPLAY CASE

This case consists of 150 No. 1 bulbs, 1½-2½ in., 25 each of six popular varieties. Each case has a color streamer illustrating the six varieties, laminated to the inside cover of the carton which is bleached white.

This is a fine item for resale as Caladiums have grown in popularity tremendously in the last two to three years. The display case measures 23x7x15 inches. **\$27.50 (Retail \$40-\$50.)**



HARDY LILY DISPLAY CASE

(October-April Delivery)

These cases consist of five of the best and most popular Lilies and are packed in special cases with wooden partitions between the varieties.

Each case contains a set of colored pictures of the respective varieties.

Complete planting instructions in each case. Each case contains the following varieties:

Improved Regale	Henryi (Yellow Speciosum)
Tigrinum Splendens (Single Tiger Lily)	Orange Triumph
	Regale Album

Case No. 1, containing 80 each of above varieties, 6- 7 in., 400 bulbs.

Case No. 2, containing 60 each of above varieties, 7- 8 in., 300 bulbs.

Case No. 3, containing 50 each of above varieties, 8- 9 in., 250 bulbs.

Case No. 4, containing 40 each of above varieties, 9-10 in., 200 bulbs.

Each of above: **\$45.50.** (Retail 2 to 2½ times your cost).

CALLAS

(November-May Delivery)

These make excellent pot plants, which always find a ready sale. For outdoor planting in shady location, they are unexcelled.

Yellow Calla (Elliottiana) (True)

	25	100	1000
1¾ to 2 in.	\$ 4.25	\$15.00	\$125.00
2 to 2½ in.	5.00	17.50	160.00
2½ to 3 in.	8.75	31.00	300.00
3 to 3½ in.	15.00	50.00	400.00

Pink Calla (Rehmanii)

Grows a foot tall. Long-lasting rose-pink flowers.

	25	100	1000
2½ in. up	\$7.00	\$25.00	\$225.00

Spotted Calla (Alba Maculata)

Flowers white. Foliage green, spotted white.

	25	100	1000
2-2½ in.	\$5.00	\$17.50	\$157.50

Michell's

Fancy
Leaved

CALADIUMS

Place Your Order Now for Delivery Any Time Throughout the Year

The popularity of Caladiums has increased rapidly in the past few years and we feel confident it will continue.

Caladiums are not only being used more for Easter and Mother's Day, but many growers are planting them every month from December till September. Bulbs planted after June 1 are usually salable within 6-8 weeks.

Caladiums are of special interest to us, as we inspect our Florida growing fields four or five times each year. Our Caladium Garden at the 1957 Philadelphia Flower Show was viewed by over 100,000 people.



FANCY-LEAVED CALADIUMS

The following is a selected list of the better Caladium varieties available today. These are the popular favorites that have proven their worth to the leading wholesale pot plant growers throughout the country.

* Varieties are relatively new and we feel will be replacing some of the old standbys.

Varieties offered subject to being sold out at time of your order.

Aaron. A new variety. First leaves are tall but later leaves come to develop a very nice pot plant. Cream-white with green border.

Candidum. Very popular white variety with green veins and ribs.

* **Carolyn Whorton.** Perhaps the most colorful of the pink splotted varieties. It is heavy leafing and low growing. Well adapted for pot culture.

Dr. Groover. A good pink, low growing adequate leafer, very colorful. It is recommended for potting.

Dr. T. L. Meade. Sometimes called Blaze. A striking red, recommended for inside or outside use.

Fannie Munson. Generally acclaimed to be the most beautiful pink.

Festivia. An unusual shade of red coloring with netted green veins. Midribs are very darkest red to purple.

* **Freckles.** Dark pink heavy leafer; good potting variety.

Fredia Hemple. One of the most outstanding red Caladiums. It is low growing, heavy leafer, with live, vivid color that catches the eye.

* **Gail Dee.** A very fine pink; adequate leafer.

Itacapus. A very fine red highly recommended for inside planting, but not desirable outside.

* **Lord Rosenbury.** Light red-rose center with harmonizing green border; highly recommended for pot culture.

Pink Beauty. A low growing pink leafy variety that shows fine color when healthy growth is induced.

Pocile Anglais. It is a low growing, heavy leafing red variety that we recommend most highly for potting.

* **Ruby Smith.** Heavy leafer; low growing pink and green variety. A good potting Caladium.

Scarlet Pimpernelle. Vigorous low-growing variety; rapidly increasing in popularity.

Spangled Banner. The most popular red splotted variety. It is low growing and shows best color inside or out with the first leaf.

Thomas Tomlinson. Low growing, very leafy outstanding red and green.

* **White Princess.** Medium small leaves have snow-white center with sea-green ribs and border. Border flecked with white. Low growing, recommended for pot culture.

	25	100	1000
Mammoth. 3½ in and up	\$10.00	\$37.50	\$350.00
Jumbo. 2½ to 3½ in.	7.50	27.50	260.00
No. 1. 1½ to 2½ in.	5.50	18.00	170.00
No. 2. 1 to 1½ in.	3.00	11.00	100.00

Write for Illustrated Color Folder with Complete List of Varieties.

New Crop Ready in December.

CANNA ROOTS

(January-April Delivery)

Large-Flowering—Extra Strong

Our Canna roots are healthy, strong northern grown stock. They are absolutely true to name and contain plenty of eyes. The varieties listed below have proven to be the best for large-flowering, exhibition type blooms.

Ambassador. A brilliant cherry-red with bronze foliage. An extra good flower that blooms early. Grows about 4 feet.

City of Portland. Large, deep, glowing pink. Profuse bloomer with green foliage 3½ feet high. Will not fade.

Hungaria. Large flowers of a rich peach-blossom-pink. Growing habit is compact with green foliage about 3½ feet high.

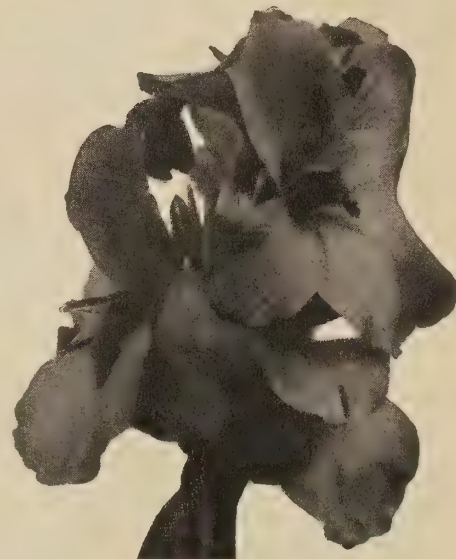
King Humbert. One of the greatest favorites in Cannas. Flower heads of brilliant scarlet on bronze foliage of 4½ feet. Majestic in growth and appearance.

Richard Wallace. Beautiful light yellow flowers on green foliage about 4½ feet. Good bloomer that makes an attractive plant.

The President. One of the most popular of all Cannas. Large flowering scarlet flowers with deep green foliage. The leading red variety in quantity and quality of blooms. A top notch performer. Foliage does not burn in the hottest weather. 4 feet.

Yellow King Humbert. Gorgeous flowers of rich golden yellow, spotted with bright red. Very beautiful and striking. Green foliage. 4½ feet.

Each of the above: 25 for \$2.25; 100 for \$7.00; 1000 for \$60.00.





AMARYLLIS

AMARYLLIS

Michell's American Hybrids

Ready for Delivery October through April

We consider this strain one of the best on the market.

Every florist should grow some of these, as there is a tremendous demand for them as a pot plant as well as for dry sales.

	10	25	100
3 1/2-3 3/4 inch	\$6.25	\$14.50	\$55.00
3 -3 1/4 inch	5.00	11.00	42.50
2 3/4-3 inch	3.75	8.00	30.00
2 1/2-2 3/4 inch	2.50	5.50	20.00

Michell Dutch Hybrids

(Delivery November-March)

We can offer a limited number per customer of these named to color bulbs. An extra select strain of truly magnificent bulbs that produce gigantic flowers. Available in White, Scarlet, Salmon, Orange, and Striped.

	10	25
30-32 ctm. bulbs	\$25.00	\$60.00

Halli (Hardy Amaryllis)

(September-April Delivery)

	25	100
Clusters of delicate pink flowers	\$5.00	\$17.50

CALADIUM ESCULENTUM

(Elephant's Ear)

(January-April Delivery)

	25	100
7 to 9 in.	\$3.50	\$12.00
9 to 11 in.	5.00	17.50

GLORIOSA ROTHSCILDIANA SUPERBA

Available every month of the year.

Reaches a height of 6 to 8 feet and produces large, gorgeous, Lily-like flowers which open bright yellow, but change to a deep scarlet.

	10	25	100
4 to 5 in.	\$4.00	\$ 8.75	\$32.50
5 to 6 in.	5.00	11.00	40.00
6 to 7 in.	5.75	13.25	50.00
7 in. up	7.00	16.75	65.00

ISMENE CALATHINA

(Peruvian Daffodil)

(January-April Delivery)

Clusters of large, striking, fragrant, pearly white flowers.

	25	100
First-size bulbs	\$ 8.00	\$30.00
Top-size bulbs	11.00	40.00

TIGRIDIA PAVONIA

(Mexican Shell-Flower)

(January-May Delivery)

Colors vary from pure white to gold and vivid scarlet—all deeply blotched.

	25	100	1000
Hybrids, Mixed. Jumbo	\$2.50	\$8.50	\$75.00

TUBEROSES

(January-May Delivery)

Florists should grow more of these, as they are profitable and of late have been in good demand in early fall.

	25	100	1000
Albino or Mexican. Single; white. 1st size	\$1.75	\$6.50	\$60.00
Double Pearl. Double white.			
First-size bulbs, 4 to 6 inch	2.00	7.00	65.00
Top-size bulbs, 6 to 8 inch	3.50	12.00	100.00

DAHLIAS

(December-May Delivery)

Large Flowering

Decorative Varieties

I.D., Informal Decorative; F.D., Formal Decorative.

	10	100
Arthur Godfrey. F.D. Large flowers. Red and buff	\$5.75	\$52.00
Bob White. F.D. Pure white, good stems	4.00	35.00
California Idol. I.D. Large, clear bright yellow	4.00	35.00
Commando. F.D. Deep lavender, garden variety	3.25	25.00
D. Day. F.D. Solid colored true pink commercial	3.25	25.00
Deep Velvet. F.D. Rich carmine with dark velvety sheen.	5.75	52.00
Florist Beauty. F.D. Bi-color. Purple with white tips ..	4.00	35.00
Francis La Rocco Improved. F.D. Deep yellow	2.75	20.00
Gallant Fox. F.D. Leading commercial red. Withstands hot weather	2.50	17.50
Golden Eclipse. F.D. Old favorite, golden yellow shading to warm salmon	2.50	17.50
Jane Cowl. I.D. Large shaggy flowers of copper and gold ..	4.00	35.00
Jean Kerr. F.D. Popular commercial white	2.00	15.00
Jersey's Beauty. F.D. Outstanding commercial pink ..	3.50	27.50
Jersey's White Beauty. F.D. Pure white, good keeper ..	2.75	20.00
Kelvin. I.D. Large flowers, peach-pink	5.75	52.00
Mrs. George LeBoutellier. I.D. Rich velvety carmine ..	2.50	17.50
Mrs. James Albin. F.D. Soft lemon-yellow	3.25	25.00
Sherwood Peach. I.D. Large, orange-apricot	4.00	35.00
Watchung Giant. I.D. Deep amber-yellow. Good stems ..	2.50	17.50
White King. F.D. Leading commercial white	2.50	17.50

Cactus Varieties

C., Cactus; S.C., Semi-Cactus; I.C., Incurved Cactus.

	10	100
Broeder Justinus. S.C. Autumnal orange-yellow. Good commercial variety	\$4.00	\$35.00
General J. J. Pershing. S.C. Coral and jasper-red with chrome finish	5.75	52.00
Her Grace. C. Outstanding true pink cactus. Free flowering	4.75	40.00
Madame Elizabeth Sawyer. C. Finest lavender cactus ..	4.00	35.00
Sheik. S.C. Pink shading to cream-white	4.00	35.00
Skyrocket. S.C. Bright scarlet. Large flowers with perfect form	5.50	47.50
White Superior. C. Large pure white with perfect form ..	4.00	35.00
Yellow Star. C. Outstanding pure yellow. Free flowering, wiry stem	4.00	35.00

Pompon Varieties

	10	100
Betty Ann. A nice soft pink	\$3.25	\$27.50
Bronze Beauty. Bronze and old gold. Good commercial variety	2.25	17.50
Cardinal. Tall growing, medium size deep red flowers ..	2.25	17.50
Little Herman. Red and white bicolor. Perfect form and shape	2.25	17.50
Little Snow White. Finest white pompon	3.25	27.50
Morning Mist. White tipped lavender	2.00	15.00
Rothout. Deep scarlet, long strong stems	2.50	20.00
Sherry. Deep petunia-purple, very attractive	3.00	25.00
Yellow Gem. Creamy yellow, considered best in its color ..	2.00	15.00

Miniature Varieties

	10	100
Andries Orange. Bright orange miniature cactus	\$2.75	\$25.00
Bishop of Llandaff. Bright scarlet, bronze foliage	2.75	25.00
Corinna. Canary-yellow. Formal decorative	2.50	22.50
Dainty Ball. Delicate lavender. Free flowering	2.75	25.00
Ike. Rich red, very profuse	2.25	20.00
Little Roseate. One of the best cut flower miniatures. Soft pink	2.50	22.50
Sandra. Red and white formal bicolor	2.75	25.00
White Fawn. Finest white decorative. Free flowering ..	2.00	17.50

Michell's Top Quality GLADIOLUS

(January-June Delivery)

American Grown

Minimum Order 100 Bulbs of a Variety

All Bulbs are High Crown, Clean and Free From Disease and Thrip

PINK, SALMON and ROSE

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
Ethel Cave Cole. Large, light pink	\$3.00	\$27.00	\$2.35	\$21.00
Friendship. Early, medium pink, nicely ruffled	3.30	30.00	2.65	24.00
Leeuwenhorst. Early, large light rose-pink	3.30	30.00	2.65	24.00
Picardy. Delicate apricot-pink	4.00	37.50	3.30	30.00
Polynesia. Pure salmon, yellow throat	4.00	37.50	3.30	30.00
Rosa Van Lima. Apple-blossom-pink, large	3.30	30.00	2.65	24.00
Spic and Span. Ruffled bright pink	4.00	37.50	3.30	30.00
Tivoli. Salmon-rose-pink	3.30	30.00	2.65	24.00

RED and MAROON

Boulogne. Silky wine-red	3.30	30.00	2.65	24.00
Burma. Giant deep rose-red, heavily ruffled	4.00	37.50	3.30	30.00
Pallet. Scarlet with blue throat	4.00	37.50	3.30	30.00
Red Charm. Bright medium red	3.30	30.00	2.65	24.00
Red Wing. Huge bright scarlet	5.00	45.00	4.00	36.00
Sans Souci. Tall rugged grower, color similar to Red Charm	3.30	30.00	2.65	24.00
Valeria. Clear red with silky sheen	3.60	33.00	2.85	26.00

WHITE and CREAM

Florence Nightingale. Best white, slightly ruffled	3.50	30.00	2.65	24.00
June Bells. Large white, excellent variety	3.30	30.00	2.65	24.00
Margaret Beaton. Clear white, orange-red blotch	3.30	30.00	2.65	24.00
Mother Fischer. One of the most outstanding whites	4.00	37.50	3.30	30.00
Salmon's Glory. Cream with red throat	3.30	30.00	2.65	24.00
Snow Princess. Pure white, similar to Maid of Orleans	3.30	30.00	2.65	24.00

YELLOW and ORANGE

Betty Duncan. Large orange, golden throat	3.30	30.00	2.65	24.50
Gene. Ruffled medium yellow	3.30	30.00	2.65	24.00
Hopman's Glory. Popular yellow	3.60	33.00	2.85	26.00
Pactolus. Apricot-cream, orange-red blotches	3.30	30.00	2.65	24.00
Patrol. Clear apricot with yellow throat	4.00	37.50	3.30	30.00
Spotlight. Pure yellow with scarlet blotch in throat	4.00	37.50	3.30	30.00

LAVENDER, BLUE and PURPLE

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
Benjamin Britten. Deep lavender, white stripe	\$3.30	\$30.00	\$2.65	\$24.00
Elizabeth the Queen. Light lavender with deeper throat	3.30	30.00	2.65	24.00
The Rajah. Outstanding new deep purple	4.00	37.50	3.30	30.00



LEEUEWENHORST

SMOKY

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
Dusty Miller. Smoky old rose with distinctive cream lines	\$4.00	\$37.50	\$3.30	\$30.00

MIXED

Michell's Giant Flowering.	3.30	30.00	2.50	22.50
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MICHELL'S GLADIOLUS COMBINATIONS

We suggest planting every two weeks to assure succession of bloom.

Each variety separately packed and labeled in a complete color range.

For Cut Flowers

Elizabeth the Queen	Snow Princess
Friendship	Spic and Span
Gene	The Rajah
Mother Fischer	Tivoli
Sans Souci	Valeria
1,000 bulbs—100 each above 10 varieties—Special Price \$31.50.	

If sold out we will substitute with others of equal or better quality and value. All bulbs No. 1 size.

For the Home Garden

Burma	Friendship
Boulogne	Spic and Span
Dusty Miller	Spotlight
Florence Nightingale	The Rajah
800 bulbs—100 each of above 8 varieties—Special Price \$26.50.	

Michell's Superior Lilies

Each year, every effort is made to secure for our customers a selection of the best strains of Lily bulbs which measure up to MICHELL'S traditionally high standards.

Place your order with us in confidence, and be assured the finest quality. In order that we may reserve some of our best stock for you this fall, we suggest that you check your needs, and place your order NOW.

These prices do not apply to Lilies shipped in fall 1958.



CROFT LILIES

CROFT LILIES

(November-January Delivery)

The Croft has proved itself one of the finest and most satisfactory of the Easter Lilies. It is dwarf in habit, similar to *L. giganteum*. A sturdy plant with luxuriant foliage, it is free flowering, with enormous, well developed blooms of long lasting quality.

	Case
7 to 8 inch, 250 bulbs per case	\$60.00
8 to 9 inch, 200 bulbs per case	80.00
9 to 10 inch, 150 bulbs per case	72.00
10 inch and up, 100 bulbs per case	60.00

"HARDY" LILIES

Hardy Lilies should be grown cool and given 16 to 18 weeks from time of planting to bring them into bloom, so the best results can be obtained; in fact, if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many early blooms.

Lilium Auratum

(January-April Delivery)

(Gold-Band Lily)

Pure white spotted crimson marked in the center with a band of yellow. Fragrant.

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	7.50	28.00	35.00
10 to 11 inch, 100 bulbs per case	9.50		35.00
11 to 13 inch, 90 bulbs per case	10.00		32.50

Lilium Speciosum Rubrum

(Japanese-Grown)

(January-May Delivery)

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	7.50	27.50	35.00
10 to 11 inch, 100 bulbs per case	9.75	35.00	35.00
11 to 13 inch, 90 bulbs per case	10.50		35.00
13 to 15 inch, 50 bulbs per case	20.00		35.00

Lilium Regale

(November-April Delivery)

	25	100	Case
6 to 7 inch, 400 bulbs per case	\$3.50	\$11.00	\$39.50
7 to 8 inch, 250 bulbs per case	4.50	15.00	33.50
8 to 9 inch, 200 bulbs per case	5.50	20.00	32.50
9 to 10 inch, 150 bulbs per case	6.00	22.50	30.00
10 to 11 inch, 100 bulbs per case	7.00		26.00

Fire King. (October-April Delivery.) Orange-red; large blooms. 13.50 50.00

Henryi. Yellow Speciosum. January-April Delivery. 9 to 10 in., 140 bulbs per case 7.50 27.50 35.00

Pardalinum Giganteum. (October-April.) A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. 5.75 21.50

ACE LILIES

(November-January Delivery)

Similar in color and habit to the Lilium Croft with luxuriant darker green foliage. A very strong grower and prolific bloomer.

	Case
7 to 8 in., 250 bulbs per case	\$80.00
8 to 9 in., 200 bulbs per case	92.50
9 to 10 in., 150 bulbs per case	Sold out

LILIUM ESTATE

(November-April Delivery)

The ideal forcing Lily for cut; also, recommended for outdoor planting.

	Case
7 to 8 inch, 250 bulbs per case	Sold out
8 to 9 inch, 200 bulbs per case	Sold out
9 to 10 inch, 150 bulbs per case	Sold out

ERABU LILIES

Grown in Japan.

(September-January Delivery)

	Case
7 to 9 inch, 300 bulbs per case	\$39.00
8 to 10 inch, 225 bulbs per case	37.00
9 to 10 inch, 200 bulbs per case	37.00
10 to 11 inch, 150 bulbs per case	Sold out

GEORGIA LILIES

(September-April Delivery)

Large trumpets of pure white, heavy texture. Tall and strong growers. Very free flowering; produces lots of blooms even from small bulbs. Likes cool temperatures. Ideal for cut flowers.

	Case
5 to 6 in., 400 bulbs per case	\$53.50
6 to 7 in., 250 bulbs per case	52.50
7 to 8 in., 200 bulbs per case	60.00
8 to 9 in., 150 bulbs per case	58.00

GIGANTEUM LILIES (Japan)

(November-April Delivery)

Fine white trumpet Lily for forcing. Especially suited for late flowering out of cold storage.

	Case
7 to 9 in., 300 bulbs per case	\$45.00
8 to 10 in., 225 bulbs per case	45.00
9 to 10 in., 200 bulbs per case	48.50

Lilium Formosanum—White Excelsior

Far Superior to Philippinense Formosanum

(October-April Delivery)

It blooms profusely and its very fragrant, pure white flowers resemble an Easter Lily. Excellent for forcing or outdoors.

	25	100	1000
4 to 5 inch	\$3.50	\$11.50	\$98.50
5 to 6 inch	3.75	13.50	125.00

Tenuifolium. Coral Lily. October-April delivery.

Plants reach a height of 1½ feet, with clusters of brilliant scarlet, starlike flowers on wiry stems. Grows very easily in a well-drained pocket in the rock garden.

	2.00	6.00	50.00
3 to 4 in.			
4 in. up	2.50	8.00	65.00

Lily-of-the-Valley Pips

(October-April Delivery)

Outdoor planting only. Bundles contain 25 pips, with good root growth. 25 for \$1.50; \$5.00 per 100; \$40.00 per 1000.

Easter April 6, 1958
Mother's Day May 11, 1958

ALL PRICES SUBJECT TO MARKET CHANGES



AZALEAS



AZALEA

Kurumes and Pericats

Coral Bells
Hexe
Hinodegiri
Pink Pearl
Salmon Beauty
Snow
Dame Melanie Red

Sweetheart Supreme
Pink Supreme
Fortune
Madam Pericat
Pinocchio
Holliday
Marjorie Ann

	100	1000
3 to 5 in.	\$33.00	\$280.00
4 to 6 in.	43.00	380.00
6 to 8 in.	65.00	600.00

Belgian Indicas

Hexe de Saffelare
Triomphe
Vervaeana
Vervaeana alba
Albert and Elizabeth
Eclairer
Jean Haerens
Vervaeana, Somona

	100	1000
3 to 5 in.	\$40.00	\$350.00
4 to 6 in.	60.00	550.00
6 to 8 in.	85.00	750.00

Rutherfordianas

Alaska
Alice Mueller
Pink Ruffles
Firelight
Sunset
President Roosevelt
Dorothy Gish

BUDDED STOCK

During the spring months we ship truckloads of top quality Azaleas from the best and most reliable growers in the East.

If you want well budded, properly shaped plants for pot sales or for nursery sales be sure to contact us before making other commitments—you won't be disappointed. Some of the largest Azalea users are our satisfied customers.

Varieties available:

Hexe	Snow
Hino	Coral Bell
Hino-Crimson	Sweetheart Supreme

Write for our complete list and prices.

The popularity of Azaleas is increasing every year and almost every florist can force these fine pot plants for Easter and during the winter months. Azaleas are one of our specialties and we ship from the very best sources in the East who are inspected by us periodically. When possible will supply from closest source, as we ship Azaleas for forcing from Long Island, New Jersey, Pennsylvania, Virginia, West Virginia and South Carolina.

TRANSPLANTS

Kurumes

	100	1000
Coral Bells. Dainty coral-pink, semi-double.	\$15.00	\$135.00
Hexe. Deep crimson, semi-double dwarf Indica.	15.00	135.00
Hexe De Saffelare. Crimson, large flowers.	16.00	145.00
Hinodegiri. Carmine-red, hardy.	15.00	135.00
Salmon Beauty. Salmon-pink, hose-in-hose type.	15.00	135.00
Snow. Pure white hose-in-hose type.	15.00	135.00

Pericats

Medium size flower.		
Rival. Double salmon-rose.	16.00	145.00
Rose Pericat. Light pink, hose-in-hose, for early flowering.	16.00	145.00
Sensation. Deep pink, hose-in-hose.	16.00	145.00
Sweetheart Supreme. Fine pink, for later bloom.	16.00	145.00

Indicas

Large flowered Belgian type.		
Albert and Elizabeth. Double white with pink border.	17.00	160.00
Ernest Thiers. Semi-double, bold crimson.	17.00	160.00
Jean Haerens. Double large dark rose.	17.00	160.00
Paul Schame. Early double salmon-red.	17.00	160.00
Triomphe. Double red with purple sheen.	17.00	160.00
Vervaeana. Double, large rosy salmon.	17.00	160.00
Vervaeana alba. Large double, pure white.	17.00	160.00

100 rates apply on quantities of 50 or more, 1000 rates on 250 plants or over, of each variety. Packing charge 6%. Not less than 50 plants of one variety.

F.O.B. OREGON

Albert and Elizabeth
Chimes
Christmas Red
Cottage Gardens
Dr. Bergman
Dorothy Gish

Erie
Empress of India
Hexe de Saffelare
Lentengroot
Paul Schame
Sweetheart Supreme

	100	1000
3 x 4 in.	\$27.50	\$225.00
4 x 4 in.	32.50	275.00
4 x 6 in.	42.50	375.00

Transplants—Flat Grown

	100	1000
54 plants per flat.	\$17.00	\$160.00

MUM BOOK

All New for 1958

Bigger

Better

Complete schedules for:

Cut Flowers

Pot Plants

Fast Disbuds

Complete list of new varieties, write for your copy.

AGERATUM

(Nov.-March Delivery)

Blue Boy.	Purple Beauty.	White.	100	1000
Improved Riverside.				
Rooted cuttings	\$ 4.00	\$30.00		
2-in. pots	10.00	90.00		
Devon Blue. (Michell's.) Blooms early and very prolific. Flowers are a clear shade of blue of unusual size.				
Rotted cuttings, \$35.00 per 1000. Sold in units of 250.				

ASPARAGUS

(Delivery from Sept. on)

Plumosus nanus.	100	1000
Sprenger.		
2 1/4-in. pots	\$11.00	\$100.00
3-in. pots	25.00	200.00

BEGONIAS

(April-July)

2 1/4-in. pots.	100	1000
Lady Mac Supreme. Deep pink bordering on Better Times Rose color, flower stems red. 25 lots 75c each;		
50 lots 60c each	\$55.00	\$500.00
Lady Mac. Light pink, medium size foliage. Less than 50 at 50c each.		
	42.50	375.00
Marjorie Gibbs. Light pink, larger size foliage. Less than 50 at 50c each.		
	42.50	375.00
Melior. Light pink. Blooms about one week in advance of other varieties. Less than 50 at 50c each.		
	42.50	375.00
NORWEGIAN VARIETIES		
Karolina. Rose-pink.		
Marina. Dark pink.		
Red Solfein. Darkest rose, almost red.		
Spirit of Norway. Shade darker than Marjorie Gibbs.		
Above 4 varieties—Less than 50 at 60c each	47.50	425.00

BEGONIAS

2 1/4-in. pots. September to March Delivery

	50	100	1000
Adeline. Bright pink. Dwarf.	\$ 7.50	\$13.00	\$110.00
Ball's Deep Rose	.750	13.00	110.00
Carmen. Bright pink. Bronze foliage.	7.50	13.00	110.00
Coralline Lucerne	14.00	25.00	
Geneva Scarlet. Double	14.00	25.00	
Geneva White. Double	14.00	25.00	
Indian Maid. Deep scarlet. Dark bronze foliage.	7.50	13.00	110.00
Luminosa Compacta. Scarlet.	7.50	13.00	110.00
Pink Pearl	7.50	13.00	110.00
Red Pearl	7.50	13.00	110.00
Rex	20.00	35.00	
Snowball. White	7.50	13.00	110.00
Westport Beauty. Double; rose-pink	14.00	25.00	

BELOPERONE guttata - Shrimp Plant

(Sept.-April Delivery)

2 1/4-in. pots	100	1000
	\$11.00	\$100.00

BOUGAINVILLEA

Crimson Lake. 2 1/4-in. pots	50	100
	\$16.00	\$30.00

BROWALLIA

Speciosa (major). Rich blue. 2 1/4-in. pots	100	1000
	\$11.00	\$100.00

COLEUS, Rooted Cuttings

(Nov.-April Delivery)

	100	1000
Beckwith Gem. Dark velvety maroon, bordered fiery red, edged green	\$4.00	\$35.00
Brilliance. Bright carmine, shading off to a deep maroon, margined yellow and green	5.00	40.00
Butterfly	5.00	40.00
Christmas Gem. Carmine, shading to maroon, yellow and green margin	5.00	40.00
Golden Bedder. The favorite yellow	4.00	35.00
Hollywood Red	5.00	40.00
Queen Victoria. Cardinal-red, golden border	4.00	35.00
Assorted Colors	4.00	35.00

CHRISTMAS CACTUS

Lobster Plant. 2 1/4-in. pots	50	100
	\$9.50	\$16.00

CRASSULA ARBORESCENS

Jade Plant. 2 1/4-in. pots	50	100
	\$7.50	\$12.00

CYCLAMEN

America, Baardse Wonder, Bonfire, Bright Red, Dark Red, Lavender, Perle of Zehlendorf, Pure Rose, Red with Edge, Rococo.	100	1000
2 1/4-in. pot plants (ready March and April)	\$25.00	\$200.00
3-in. pot plants (ready June and July)	40.00	
4-in. pot plants (ready August and September)	75.00	

DRACAENA

(Sept.-March Delivery)

Indivisa. Slender green leaf. Useful for summer bedding, vases, etc.	50	100	1000
2 1/4-in. pots	\$ 7.00	\$12.50	\$115.00
3 -in. pots	12.50	20.00	195.00

EUPHORBIA SPLENDENS

Crown of Thorns. 2 1/4-in. pots	50	100
	\$12.50	\$20.00

FUCHSIA

(Oct.-March Delivery)

Black Prince. Single, rose petals, pink bell.			
Holly Dale. Red or deep pinkish outside, with pinkish lavender center.			
Little Beauty.			
Winston Churchill. Red or deep pinkish outside, with deep violet center.	50	100	1000
Rotted cuttings. 500 at 1000 rate.	\$ 8.00	\$ 75.00	
2 1/4-in. pots. 500 at 1000 rate	8.00	14.00	130.00
Bagdad, Giant Pink, Pride of Orion.		100	1000
Rotted cuttings	\$ 7.00	\$60.00	
2-in. pots.	13.00	125.00	

GARDENIA VEITCHI

2 1/4-in. pots	50	100
	\$12.50	\$20.00

GERANIUM

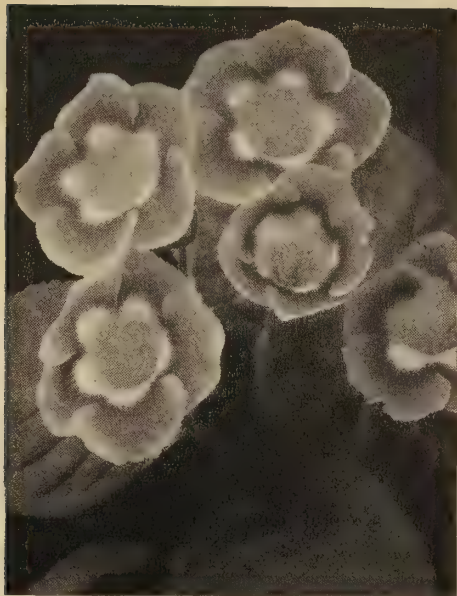
Beaute Poitevine. Light salmon.	Olympic. One of the best reds.
Better Times. Same color as Better Times Rose.	Picardy. Salmon-pink.
Improved Ricard. Bright vermilion.	Pink Fiat. Salmon-pink.
Irvington Beauty. Rose-pink.	Pride of Camden. Dark red.
Madonna. White.	Radio Red. Intense scarlet.
Mme. Buchner. Double white.	Red Fiat. Large flowers.
Mme. Landry. Salmon-pink.	Red Landry.
	Salmon Supreme. Light salmon-apricot.
2¼-in. pots	100 1000
	\$15.00 \$140.00
Enchantress Fiat. Light shrimp-pink.	Irene. Bright red.
2¼-in. pots	16.00 150.00

CALIFORNIA GERANIUMS

Shipped air freight throughout the year. Place orders early to insure prompt delivery. Four weeks required for RC. Above varieties and others available.

Send for Our Complete List	5000	and over
STANDARD VARIETIES	1000	
Unrooted cuttings	\$37.50	\$35.00
Rotted cuttings	72.50	67.50

Minimum order, 1000
For economical air transportation, we recommend each shipment contain 2500 cuttings.



GLOXINIA

GLOXINIA

(Available All Year) 50 100 1000

Small's Special All-Color Mixture. Seedlings
in 2-inch plant bands\$10.00 \$18.00 \$160.00
(Shipped 50 per carton—write for complete list.)

HELIOTROPE

(Nov.-March Delivery) 100 1000

Sweet Blue. Rooted cuttings\$ 6.00 \$ 50.00
2½-in. pots 11.00 100.00

HOYA CARNOSA VARIEGATA

50 100
Wax Plant. 2½-in. pots.....\$20.00 \$35.00

HYDRANGEAS

(Spring Delivery—for Growing On)

1957 INTRODUCTIONS

Alpengluhn. M. Light red.	Sanctis. E. Medium red.
Monte Forte Perle. M. Carmine-red.	Todi. M. Dark pink.
Sainte Therese. M. Best white.	Zurich. E. Light red.
Rooted cuttings 100	
3-in., 1 shoot \$30.00	
	50.00

NOVELTIES

Charm. E. Carmine-red.	Red Star. M. Brilliant.
*Dundalk. L. Medium red.	*Rose Supreme. M. Rose-pink.
Rooted cuttings 100	
3-in., 1 shoot \$20.00	
	40.00

STANDARD VARIETIES

Engle's White. M. Strong grow- er.	*Merveille. L. Light red.
*Europa. E. Salmon-pink.	Regula. E. White.
Hamburg. E. Carmine.	*Rosabelle. L. Rose-pink.
*Kuhnert. M. Rose-pink.	Strafford. M. Dark pink.
Rooted cuttings 100	
3-in., 1 shoot \$16.00	
	30.00

Minimum 25 per variety.

*These varieties blue easily.

E. Early; M. Midseason; L. Late.

IVY

(Delivery from Sept. on)

	100	1000
English. Rooted cuttings\$ 4.00	\$30.00	
2¼-in. pots 10.00	90.00	
*Green Ripple. Rooted cuttings..... 6.00	50.00	
2½-in. pots 20.00		
Hahn's Self-Branching. Rooted cuttings 5.00	35.00	
2½-in. pots 20.00		
Hahn's Variegated. Rooted cuttings 6.00	50.00	
2½-in. pots 25.00		
*Maple Queen. Rooted cuttings 6.00	50.00	
2½-in. pots 20.00		
Merion Beauty. Very free branching..... 10.00	90.00	
2-in. pots 10.00	90.00	
Shamrock. Rooted cuttings 6.00	50.00	
2½-in. pots 20.00		
Star. Rooted cuttings 5.00	35.00	
2½-in. pots 20.00		
Sylvanian Beauty (Improved). Rooted cuttings 6.50	50.00	
2½-in. pots 20.00		
Glacier. Rooted cuttings 6.75	62.50	
Gold Dust. Rooted cuttings 6.75	62.50	
Variegated. Large leaf 5.75	52.50	
*If bought in 2000 lots or more	45.00	

LANTANA (Nov.-March Delivery)

Craig. Deep red shading to yellow.

Dwarf Buckeye. Red, shading to yellow.

Jacob Schultz. Red.

Lady Olivia. Yellow, shading to pink.

Michael Schmidt. Red shading to yellow.

Radiation. Red; center orange and yellow.

Sunset. Yellow and red.

Weeping. Lilac shading to rosy pink. A trailing variety. Especially recommended for boxes, baskets and ground covers.

Mixed Varieties. Our selection.	100	1000
2¼-in. pots	\$13.00	\$120.00

ROSES

Send for Complete List of **Hybrid Teas** and **Roses** for **Pot Forcing.**

RUELLIA MOKOYANA

	50	100
Trailing Velvet Plant. 2¼-in. pots.....	\$12.50	\$20.00



HYDRANGEA

Varieties marked * are patented or restricted and subject to signed agreement.
Minimum order 100 of each variety except where noted.

NEW VARIETIES FOR 1958

	100	1000
Keefer's Cheri Sim. A deep salmon sport of Sim. The color is even throughout with large flowers. The growth is typical Sim with good production. Restricted until Dec. 31, 1960	\$20.00	\$180.00
Scania. Red Sim sport from Denmark. Superior in color and production	15.00	125.00
Crimson Prince. Crimson. New seedling variety from Colorado	15.00	125.00

NOVELTIES and VARIEGATED VARIETIES

	100	1000
Anniversary. Shade darker than Scarlet Sim	\$15.00	\$125.00
Barbara Brigham. Yellow suffused with pink	15.00	135.00
Canary Queen. Lemon or canary-yellow, later developing a faint light pink variegation	18.00	150.00
Cooper's Variegated Sim. White with red markings	20.00	150.00
* Coral. Brilliant salmon at times slightly flaked	20.00	150.00
Gayety. Like Cooper's Variegated Sim, larger flower ..	18.00	150.00
* Golden Harvest. Golden yellow with slight pink markings. Minimum order 250		180.00
* Harlequin. Flesh-pink with wine-red markings	15.00	125.00
Hollywood Sim. Light pink petals with red overlay ..	18.00	150.00
Ivory Wonder. White with pink stripes	15.00	125.00
Karen. Light buff with deep pink stripes, variegated ..	22.00	180.00
Lavender Rose. True lavender color	15.00	125.00
Mamie Eisenhower. The red markings against a white background produce an outstanding contrast	15.00	125.00
Mohawk. Yellow variegated with pink stripes	15.00	125.00
* Mrs. E. F. Guba. Pale almond with vivid deep pink edges and lines	20.00	150.00
Mrs. Herter. Garnet with white edge	22.50	180.00
Orchid Dandy. Reddish lavender or orchid overlaid on white petals. Medium large size	20.00	160.00
Pelargonium. White overlaid with maroon	15.00	125.00
Peppermint Sim. White petals with red pencil lines ..	18.00	150.00
Peking Pink. Dark pink with white tips on petals ..	22.00	180.00
* Pride of Woburn. Bright fuchsia with orchid edge ..	15.00	125.00
* Sarah Jane Knipe. Bright purple, silver edge	15.00	135.00
Scarlet King. White overlaid with scarlet	15.00	125.00
Scarlet Sim. Scarlet flaked sport of William Sim	15.00	135.00
S. Arthur Sim. White with red penciling	15.00	125.00
Starlite. White with pink stripes	10.00	90.00
* Symphony. Reddish purple stripes on mauve	20.00	150.00
* Tetra-Sarah Jane. Rosy magenta with silver edge ..	25.00	200.00
Unique. Purple with silver edge	15.00	125.00

WHITE

	100	1000
Frosty. Pure white	\$20.00	\$160.00
Geiger's White. Sport of William Sim	15.00	125.00
* Hoosier Spice. Pure white and very fragrant	15.00	135.00
Improved Olivette	12.00	100.00
Improved White Sim. Larger than White Sim	15.00	125.00
Northland. Popular white	15.00	135.00
Olivette. Fine white	10.00	90.00
Snowdrift. Clear snow-white	20.00	150.00
White Baum's Supreme. Large, pure white	15.00	125.00
White Boston. Sport of Boston	15.00	125.00
White Sim. White	15.00	125.00
White Sidney Littlefield. Large white	15.00	125.00

LIGHT PINK

	100	1000
* Dusty. Pastel pink. Sport of (Red) Wm. Sim. (Minimum order 250) 250 for \$50.00; 500 for \$90.00 ..		\$160.00
Edward Winkler. Shell-pink	25.00	200.00
Gordon. Delicate shell or flesh-pink	15.00	125.00
* Hoosier Desire. Cream light pink	15.00	135.00
* Hoosier Princess. Lavender-pink. Restricted until Dec. 1959	20.00	180.00
Hercules Virginia. Light pink	15.00	135.00
Kathleen Ann. Light pink sport of S. Littlefield	20.00	150.00
Light Pink Littlefield. True light pink	15.00	135.00
Mr. Pink. Light salmon-pink	15.00	125.00
Nancy Thomson. Glowing light pink. Sport of Sidney Littlefield. Same flower size with better production than parent	15.00	125.00
* Petersen's Pink Sim. Blush-pink	15.00	125.00
Pink Beauty. Sport of Pink Sim, salmon-pink	15.00	125.00
Pink Sim. Light pink; sport of William Sim	15.00	125.00
* Salmonaise. Flesh-pink. Minimum order 250. 250 for \$50.00; 500 for \$95.00. Restricted until May 1958 ...		180.00

MEDIUM PINK

	100	1000
* Belvedere. Rose-pink	\$15.00	\$125.00
Calypso Sim. A new salmon-pink with deeper, richer color than Salmon Sim. Very attractive	18.00	150.00
Citation. Rose-pink with silver edges	15.00	125.00
Debbie. A beautiful salmon-pink sport of Sim	20.00	150.00
Evans' Salmon Sim. Pleasing Salmon Sim	15.00	125.00
Farr's Sim. Sport of William Sim. Medium pink, streaked with light pink	20.00	150.00
Laddie Sim. A striking salmon-pink sport of Sim ..	20.00	150.00
Petersen's Salmon Sim. Salmon-pink sport of Sim ..	15.00	125.00
Portrait. Brilliant rose-pink. Minimum order 250 cuttings. 250 for \$50.00		180.00
Shocking Pink Sim. Brilliant dark salmon	15.00	125.00
Virginia Rose. Rose-pink	10.00	80.00

DARK PINK

	100	1000
Baum's Supreme. Dark rose-pink	\$12.00	\$100.00
* Boston. Dark pink. Clean healthy growth	15.00	125.00
Canup's Pride. Dark cherry-pink	12.00	100.00
Charlene. Beautiful rich dark pink, good stem, and excellent producer	22.00	180.00
Saugus Pink. Deep pink	11.50	100.00
Sidney Littlefield. Large dark pink	15.00	125.00
Virginia Miller. Deep pink	12.00	100.00

YELLOW

	100	1000
Harvest Moon. Yellow-gold	\$15.00	\$135.00
Desert Sun. Large, tall yellow-buff	11.50	100.00
* Hoosier Gold. Clear yellow with faint pink stripes ..	15.00	135.00
* Patten's Yellow. Clear yellow; strong stem	20.00	150.00
Shirley Ann. Clear yellow, full flower	20.00	150.00
Thompson's Improved Miller Yellow.	15.00	125.00
Yellow Sim. A golden or buff-yellow, similar in color to Harvest Moon, but slightly more yellow, and holds its quality better	20.00	150.00

Cutting CARNATIONS

RED

	100	1000
Cardinal Sim. Color similar to King Cardinal	\$15.00	\$125.00
Crimson King. Dark crimson	20.00	150.00
Congo. Dark red	15.00	125.00
Dark Red Sim. Shade darker than William Sim	15.00	125.00
Ember Sim. Vivid red, sport of William Sim	15.00	125.00
Jumbo Cardinal. Brilliant red	15.00	125.00
Majestic. Brighter than William Sim	20.00	150.00
Mrs. C. W. Weld. Dark red	15.00	125.00
Red No. 16	12.00	100.00
Selected Red Sim. Selected strain of William Sim, slightly larger and fuller	18.00	150.00
Tetra-Red. Giant red. 500 M. rate	20.00	150.00
Tilly. Prolific maroon	11.50	100.00
*Tom Knipe. Scarlet	15.00	125.00
*Topper. Rich velvety maroon.....	15.00	125.00
*William Sim. Red. Patent No. 669 expires 1963	15.00	125.00
Wooster Scarlet. Brilliant red	12.00	100.00

YODER BROS. VARIETIES

WHITE

- Aurora.** Exceptionally large white. Flower size and heavy stems are points of emphasis. Performs best in higher than average Carnation temperatures, and with a narrow range of difference between day and night temperatures. An average to heavy producer.S-5
- Electra.** (New). Large informal white. Petals are deeply serrated. Exhibits the vigor, stretch and production of White Sim with an improved stem for winter flowering. Does not split.S-1
- White Apollo.** White sport of Apollo. Unequalled for year around productivity. A marked improvement over Olivette for flower size and stem strength during the winter months. More versatile than Apollo since it is not subject to fading.S-5

SALMON-PINK

- Ambrosia.** (New). A smooth and unvarying salmon-pink. A shade lighter than Venus. Unusual stretch and rigid stemmed growth during the winter months. A durable flower for shipping.S-1
- Apollo.** A widely accepted salmon-pink. Suitable in many areas of the country. Consistency in providing top quality flowers coupled with high productivity continue to lend favor to this variety.S-6
- Athena.** A lustrous salmon-pink slightly deeper than Venus and possessing a greater color clarity than Apollo under low light intensities. A reliable winter producer. Has vigor, stretch and rigid stems. Does not split.S-5
- Venus.** A large salmon-pink. Flawless color. Like Charm, possesses superb flower qualities coupled with a long, rigid stem. A noted exhibition variety. Performs most satisfactorily at Littlefield temperatures.S-4

LIGHT PINK

- Aphrodite.** A true light pink. An early producer with an early come-back. Best in highlight intensity areas.S-3

DARK PINK

- Hermes.** A good dark pink with high temperature color-retention tolerance. Becomes a scarlet-pink during the winter months. Ships and keeps well. Rarely splits.S-3
- Mentor.** Rich rose-pink. Strong, rigid stems. Notable keeping and color retention properties throughout the year.S-3



SCARLET-RED

- Red Apollo.** (New). An interesting dark salmon-red sport of Apollo. More heavily petaled and larger flower than its parent. Otherwise displays the same vigor and general growth habit of Apollo.S-3
- Siren.** A bright scarlet. Combines heavy production with a fast come-back and uniform cropping on stems of medium length.S-3
- Thor.** A vivid scarlet of medium size. Especially recommended for its dependable color retention during high temperature periods. Free and rapid growth.S-3
- TITAN.** Intense crimson-red. Dependable and continuous growth during the winter months.S-3

YELLOW

- Midas.** A dependable yellow. Best winter performance attained under high light intensities. Fast and reproductive. Tolerates closer spacing than Apollo or the Sim varieties.S-3

NOVELTIES AND VARIEGATED

- Strawberry Sim.** Variegated red and pink Sim sport. An over-all narrow red penciling diffused on a pink background. Background color markedly intensifies going into mid-winter conditions. A striking novelty.S-3
- Dark Frosted Sim.** Same color pattern as Scarlet Sim but less intense. Two-thirds of each petal from its base, is diffused with dark pink pencillings. Petal margin blends to a light pink providing a frosted appearance. Very stable. Heavier stems than Scarlet Sim.S-3
- Gaiety.** Variegated Sim. Flesh-pink background overlaid with bright red pencil pattern. More stable than Cooper's Variegated.S-3
- Cassandra.** A lively yellow variegated. Pink penciling. Rarely splits. Flower has excellent substance and is an outstanding keeper.S-3
- Nectar.** Large orange-yellow variegated with broad scarlet striping. S-3

PRICES OF ABOVE VARIETIES

Price Class	50	100-250	300-450	500-950	1000 Up
S-6	\$12.00	\$11.50	\$11.00	\$10.50	\$10.00
S-5	13.00	12.50	12.00	11.50	11.00
S-4	14.00	13.50	13.00	12.50	12.00
S-3	15.00	14.50	14.00	13.50	13.00
S-2	16.00	15.50	15.00	14.50	14.00
S-1	17.00	16.50	16.00	15.50	15.00
P	18.00	17.50	17.00	16.50	16.00

Prices apply to the number of cuttings of any one variety on an order. All prices are per 100 cuttings.



POINSETTIA

POINSETTIA Stock Plants

(March-April Delivery)

GROUP A

Dbl. Henriette Ecke, and St. Louis.

GROUP B

Improved Albert Ecke, Mrs. Paul Ecke, Ruth Ecke, and Pink.

GROUP C

Barbara Ecke Supreme. Patented variety sold only under patent restrictions. Definitely the finest of all pot-plant varieties for the central and northern part of the United States. Stock plants produce freely, can be soft pinched and have the finest colored bracts, superseding all commercial varieties.

Indianapolis Red. Exceptionally fine variety for the southern states. Grows short and stocky.

Ecke White

New Ecke Pink. Blooming and growth habits same as regular Pink, but having long bracts similar to the Oak Leaf type, which makes it very desirable.

	Group A Per 100	Group B Per 100	Group C Per 100
Super Jumbo	\$135.00	\$150.00	\$180.00
Jumbo	110.00	125.00	150.00
No. 1	85.00	100.00	120.00
No. 2	65.00	80.00	90.00
No. 3	45.00	60.00	60.00
*No. 4	25.00	35.00	40.00

The above prices f.o.b. eastern points of distribution, c/o Railway Express Agency.

* All No. 4 plants should be shipped by Railway Express direct from California to carry through successfully.

ON ALL ORDERS MAILED AFTER JANUARY 1, A 10% PACKING CHARGE WILL BE MADE.

ANY CHANGE IN ORDER MUST BE IN BY FEBRUARY 1st.

POINSETTIA, 2 1/4-inch for July and later delivery. Write for prices.

PERENNIAL PLANTS

A complete listing of quality perennial plants from select sources will be sent upon request.

FOLIAGE PLANTS

Complete list of Florida and Puerto Rican Foliage plants on pages 68 through 71.

Special prepaid collections, too!

PELARGONIUM (Sept.-March Delivery)

Premium Varieties

Circus Day. Pink, upper petals deep pink with medium large, brown-lilac blotches flushed with salmon.

Conspicuous. Shining oxblood or wine-red with black spot in lower petals, veining in top petals; waved petal edges with black hairline.

Gay Nineties. White upper petals with medium sized blotches. Lower petals with a few veins to center. Beautiful, large, ruffled flowers.

Grand Slam. Rosy red with slight salmon undertone. Top petals with velvety red-brown spot, flushed salmon. Large flower of waved petals.

Rooted Cuttings	Per 100
2 1/4-inch	\$22.50
3 inch	28.00
	37.50

Standard Varieties

Amanda. Reddish orange.

Azalea. Rosy red.

Baby Snooks. Orchid-pink.

Ballerina. Shell-pink.

Chicadee. Lavender.

Easter Greeting. Bright red.

Edith North. Salmon-pink.

German Glory. Amaranth-pink.

Jessie Jarrett. Dark violet.

Lavender Queen. Lavender.

Lowell. Red, black blotches.

Marie Vogel. Red shaded salmon.

Pink Vogel. Pink.

Rhapsody. Tricolor.

Salmon Springtime. Bright salmon.

Springtime. Bright pink.

Stardust. Palest lilac.

Rooted Cuttings	100	1000
2 1/4-in.	\$15.00	\$140.00
3 -in.	20.00	190.00
	28.00	270.00

250 plants of a variety at 1000 rate. Minimum order, 50 plants.

STEVIA (June-August Delivery)

Double True Half Dwarf.

Pride of Cincinnati.

	100	1000
2 1/4-in. pots	\$10.00	\$95.00

VERBENA (Nov.-March Delivery)

Beauty of Oxford, Cerise.

Beauty of Oxford, Lavender.

Beauty of Oxford, Pink.

Beauty of Oxford, Scarlet.

Candystick. 100 1000

Rooted cuttings ... \$5.00 \$37.50

Pure White.

Royal Purple. With eye.

Schlosser's Pride. Dark red.

Rooted cuttings	100	1000
2 1/4-in. pots. (Spring)	\$4.00	\$30.00
	9.00	80.00

VINCA VARIEGATA

(Delivery from Sept. on)

Rooted cuttings	100	1000
2 1/4-in. pots	\$ 5.00	\$ 45.00
	12.50	115.00

VITIS - Grape Ivy

(Delivery from Sept. on)

Rhombifolia. Evergreen vine. Graceful trifoliate leaves.	100	1000
2 1/4-in. pots	\$12.00	\$100.00

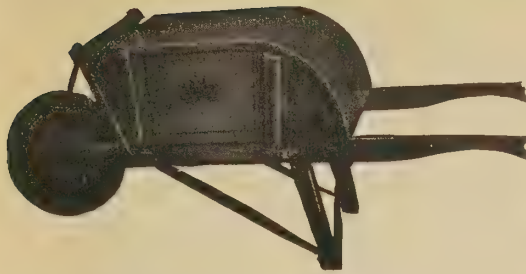
CACTI AND SUCCULENTS

Commercial Assortment for Dish Garden and Novelty Planting

(500 of one assortment at 1000 rate)—Shipped bare-root F.O.B. California

A All-Purpose Standard. Cacti and Succulents; 10 or more standard varieties in uniform good selection for general dish-garden work or individual 2 to 2 1/2-in. pots	100	1000
	\$ 5.50	\$45.00
B All-Purpose Superior. Cacti and Succulents; includes the better, more durable and showier types of succulents and Cacti, in 15 or more varieties. This is our most favored all-around commercial assortment	6.50	55.00
K All-Succulent Fancy. The harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color	8.00	70.00
N All-Cactus Select. Various types of Cacti from cuttings and seedlings; globular branched, eared, padded and columnar varieties in best selection	10.00	90.00
S Sub-Tropic Dixie Assortment, as favored in New York. Small foliage plants with compatible Succulents and Sansevierias	9.00	80.00

MICHELL'S GROWERS TOOLS AND ACCESSORIES



Greenhouse Wheelbarrow

No. 3GH225. This narrow barrow is designed for use in greenhouse aisles. Length over-all, 62 in.; width over-all, 20 in.; height over-all, 27 in. Length of the bed, 26½ in.; width of bed front, 15 in.; width of bed rear, 19½ in. Bed depth, 11¼ in. Weight, 34 pounds. With pneumatic tire, \$29.00.

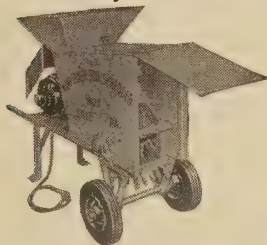
No. 67. Buch Style. With pneumatic tire. 15-in. front, 18-in. back, 12-in. deep. Handle spread 20 in. \$37.50.

Garden Wheelbarrows

Tire Length Depth Width
in. in. in. in.

No. 3-225 2¾ 26½ 10½ 23½ \$29.00
Above barrows equipped with rubber tires.

Power Soil Shredder Kemp No. 6



Shreds heavy, wet compost made from sod and manure. Designed especially for the small grower. Low in price and economical to operate. Powered with either 2 horsepower gas engine or a ½ horsepower electric motor, that can be plugged into any light socket.

Use in potting shed for shredding soil for use in flats and pots. Also handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length 38 in.
Width 22 in.
Height at discharge end 36 in.
Height at hopper 33 in.
Weight 200 lbs.

Power { Electric ½ H.P.
Gas 1½ H.P.

Capacity—one or two men loading hopper.

No. 6. ½ h.p. electric motor \$198.00

No. 6 ¾ h.p. electric motor 215.00

No. 6. 2 h.p. Briggs & Stratton gas engine 194.00

With rubber tire wheels, add \$10.00.

Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft.

Made of scientifically constructed wax paper.

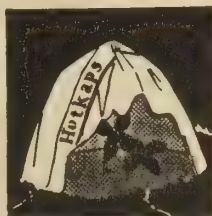
1000 lots \$19.95

Trial pkg. (250)
including Setter and tamper \$6.50

Home pkg. (100) including Setter and Tamper 3.45

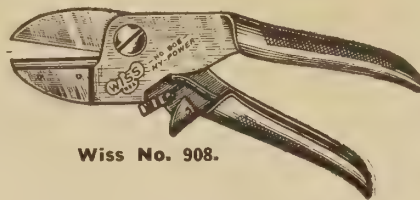
Home Garden pkg., containing 25 Hotkaps and Cardboard Setter95

Hotkap Steel Setter 1.95



PRUNING SHEARS

Each
No. 107. Disston. 8¾ in. Hdl. springs .. \$2.65
No. 908. Wiss Hy-Power. 8-in. 2.45



Wiss No. 908.

Imported Tina Pruning Shears

Each
No. 870. 8½ in. \$4.95
Spiral Springs for any of the above Pruning Shears. 25c each; 6 for \$1.25.

Florists' Budding and Propagating Knives

A good knife is essential to every florist. Our knives are all of the best steel and guaranteed to give good satisfaction.

Each
No. 716. The florist's favorite. 2-blade, white bone handle, for budding and propagating \$3.25
No. 182. 1-blade; ebony handle 2.75
No. 1001. 1-blade; heavy coca handle ... 2.00
No. 176. 1-blade white handle 2.25

Johnson Trowel

No. 211. Made of one-piece steel blade and shank. 6 in., \$1.60 each; 3 for \$4.50.

Markwell Plier Stapler

No. RX46. An ideal device for every office, businessman, florist, store, factory, school, and home. Compact and light in weight. Price \$5.50.

Staples for above, 30c per 1000; per 10,000, \$2.75.

Neva-Clog Stapling Pliers

No. S100. Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, \$4.75.

Neva-Clog Staples

Box (1000) 45c; 5,000, \$2.00.

Split Bamboo Dyed Green

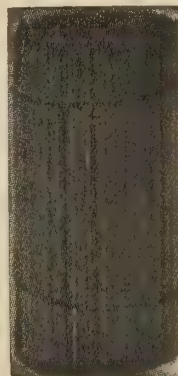
	Per 1000	Per Bale (5000)
12 in.	\$3.50	\$12.00
15 in.	4.00	15.00
18 in.	5.00	20.00
24 in.	6.00	25.00

Hyacinth Stakes Wood Dyed Green

	1000 lots	6000 lots	12,000 lots
12 in.	\$5.15	\$29.00	\$55.80
15 in.	5.90	33.60	64.20
18 in.	6.35	35.70	68.40

Tonkin

	Doz.	100	1000
4-ft.	\$1.10	\$6.75	\$70.00
6-ft.	1.80	11.50	110.00



Wired Toothpicks

Regular Size, 2½-in.	
10,000	\$6.00
50,000	\$19.00
3-in., dyed green.	
Box, 8000 ..	\$8.50
Case, 40,000 ..	\$40.00
4-in., dyed green.	
Box, 4500 ..	\$8.00
Case, 10,000 ..	\$16.00
6-in., dyed green.	
Box, 3000 ..	\$6.50
Case, 10,000 ..	\$20.00
4-in., green unwired.	
Box, 4000 ..	\$3.00
Case, 10,000 ..	\$7.00
6-in., green unwired.	
Box, 3000 ..	\$3.00
Case, 10,000 ..	\$9.00

GALVANIZED WIRE STAKES



No. 8 Steel Wire

	100	1000		100	1000
2 -ft.	\$3.70	\$35.00	4-ft.	\$7.00	\$65.00
2½-ft.	4.70	45.00	5-ft.	8.50	80.00
3 -ft.	5.30	50.00	6-ft.	9.70	92.00
3½-ft.	6.10	57.00			

No. 10 Steel Wire

	100	1000		100	1000
3 -ft.	\$3.60	\$34.00	4 -ft.	\$5.30	\$49.00
3½-ft.	4.50	42.00	6 -ft.	7.50	70.00

Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Price, \$2.50 per box of 1000, per 5000, \$11.50.



Evermark Pencils

You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off.

Each 20c; doz. \$1.50.

Everlasting Stake Fasteners



Full size—the original heavy duty type.

GALVANIZED

500 for	\$2.75
1000 for	5.00
5000 for	23.75

CANE STAKES

Dyed Green—Pencil Thickness

	Per 100	Per 1000 (2000)	Per Bale
1½ ft.	\$0.65	\$ 3.50	\$ 6.00
2 ft. ....	.80	5.50	8.00
2½ ft. ....	.95	6.50	10.00
3 ft.	1.10	7.50	13.00
3½ ft.	1.30	10.25	16.50
4 ft.	1.45	11.00	18.00
5 ft.	1.75	14.00	24.50
6 ft.	2.15	17.00	28.00

10 Bales, less 5%. 25 Bales, less 10%.

MICHELL'S FLORISTS' SUPPLIES

Satin Ribbon No. 3

100-yd. bolt, 5/8-in. wide.

Beautiful, lustrous satin ribbon used by all leading florists who desire floral pieces of distinction.

The above ribbon in the following colors:

Aqua	Emerald	Pink
Azalea	Fuchsia	Purple
Better Times	Garnet	Red
Blue	Gray	Royal Blue
Chartreuse	Moss Green	Talisman
Dubonnet	Nile	White
Egg Shell	Orchid	Yellow

Price: \$1.30 each; 12-piece lots \$1.20 each.

Satin Ribbon No. 5

100-yd. bolt, 7/8-in. wide.

In same colors as above.

Price: \$1.80 each; 12-piece lots \$1.70 each.

Satin Ribbon No. 9

50-yd. bolt, 1 1/2-in. wide.

In same colors as above.

Price: \$1.35 each; 12-piece lots \$1.25 each.

Aluminum Foil Pot Wrap

An excellent item for every florist who sells pot plants. Improves the appearance of the plant and pot. Available in following colors: Platinum, Lavender, Fuchsia, Pink, Yellow, Moss, Blue, Royal, Black, Azalea, Orchid, Red, Gold, Nile, Chartreuse, and Purple.

12 Rolls Single Rolls per roll

20-in. Silver. 50 ft.	\$1.60	\$1.50
20-in. Colors. 50 ft.	1.70	1.60

WEDGEWOOD BOX VASE

No. 600. White or green. Weighted base. Top, 10 1/2 in. by 4 1/2 in.; depth, 7 1/2 in. 30 per case, \$9.90.

JARDIER BULB BOX

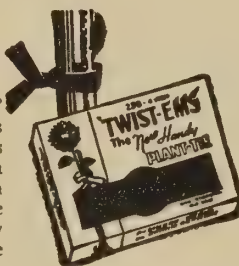
No. 4. Rectangular construction. Ideal for planting bulbous stock; waterproof; self-aerating. Length, 12 in.; width, 4 1/2 in.; height, 4 in. 50 per case, \$13.50. White only.

SPRAY VASE No. 500

Weighted base prevents tipping. Use for funeral, hospitals, and all occasions. Height, 10 in.; diam. top, 7 1/2 in. Color: white. 18 per case, \$6.66.

Tie Your Plants with "Twist-Ems"

Quick. "Twist-ems" save the tedious work of tying plants with twine or raffia and cutting each piece with a knife or shears. Simply put around the stem, twist and it is tied.



	Per box	Per carton of 24 boxes
No. C. 4 in. Box of 200	\$0.25	\$4.00
No. B. 8 in. Box of 100	.25	4.00
No. D. 16 in. Box of 100	.50	8.00

BULK - 250 per bundle

	1000	5000	10,000
4 in.	\$1.00	\$4.60	\$8.90
8 in.	1.75	8.00	15.50
16 in.	3.50	16.25	31.50

Continuous Roll. 250 ft., \$1.00; \$8.00 per doz.

Paper, Wrapping

	1/2 Ream	Ream
White Tissue. 24x36 in.	\$3.00	\$5.00
Wax, White. 24x36 in.	2.75	4.50
Wax, Green. 24x36 in.	2.75	4.50

Black Shading Cloth

For shading Chrysanthemums during normal summer growing season. These two standard grades, tested and approved by commercial growers throughout the country, transmit less than half of 1% of light. Furnished in 36-in. width or sewed into wide sheets in multiples of 18 in. to specifications.

	Light Percent Transmittance	Per Sq. Yd.
No. 575	0.034	\$0.72
No. 258	0.001	.78

WIRE HANGING BASKETS Green Enameled

	Each	Doz.
8 inch	\$1.15	\$12.25
10 inch	1.25	13.80
12 inch	1.50	16.20
14 inch	2.20	24.00
16 inch	2.65	28.80

FLOWER VASES "Hot Dipped" Galvanized



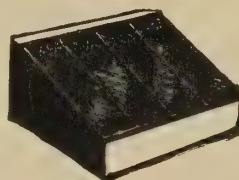
No.	Top Diam.	Height Inside	Each	Doz.
210	5 1/2	10	\$1.40	\$15.00
212	5 1/2	12	1.45	15.50
312	7 1/4	12	1.85	20.00
314	7 1/4	14	2.10	22.50
316	7 1/4	16	2.40	26.00
308	7 1/2	8	1.60	17.25
110	9	10	2.00	21.50
112	9	12	2.10	22.50
118	9	18	2.75	29.50
124	9	24	3.75	40.50

Twines

	Ball	Lb.
Jute. 3-ply. Weight per ball, 1/2 lb. 5 lbs.	\$4.00;	10 lbs. \$6.50.
Special White Cotton. 3-ply	.60	1.10
2-lb. cones,	\$2.25.	
Binder. 5-lb. balls,	\$1.50;	5 balls, \$1.40 each; 10 balls, \$1.30 each.
Express No. 6. Very heavy		.85
Green Sea Island. 2-lb. cones	\$3.00.	
12 balls per box, 1 lb.	\$1.50.	
5 boxes,	\$1.35 per box.	

Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your cold frames and newly planted seeds. Not affected by hail, snow, rain or wind and cannot break like glass. Highly translucent.



	Running ft.
28 in. wide, cut pieces	\$0.35
Rolls, 25, 50, 75, or 100 ft.	.33
36 in. wide, cut pieces	.45
Rolls, 25, 50, 75, or 100 ft.	.43

Hotbed Sash

Philadelphia Style. Made of best-quality red wood. Size, 3 ft. wide, 6 ft. long, 1 3/8 in. thick. Plain, not glazed or painted. Price, \$9.50. Glazed and painted, \$16.00.

Hotbed Mats

The burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are practically indestructible.

Burlap, Waterproof one side.

40x76 in., for one sash. Price, \$4.50 each; doz. \$52.00.
76x76 in., covering two regular size sash. Price, \$7.00 each; doz. \$74.00.

Bronx Bottle Sprayer

For applying water to cut flowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nickel-plated. Pt. size. Price, \$2.20; qt. size, \$2.40.

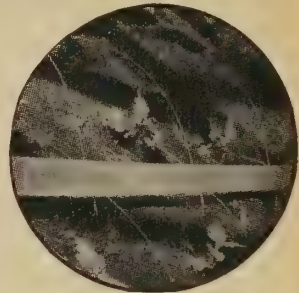
Gro-Hose

Automatic Bench Waterer

Scientifically designed Polyethylene hose 2 1/4 in. wide, has four holes spaced every 8 inches apart. Waters the full length and breadth of your benches—automatically.

Prices: 1 to 1000 ft., 9 1/2c per ft. 1000 to 5000 ft., 8 1/2c per ft.

Headers. Two-Way, \$3.00 each. Four-Way, \$3.75 each.



Water Breakers



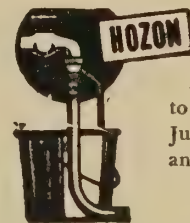
The "400" Water Breaker

No. 400. Breaks the water pressure and gives a fine, even spray. Cast aluminum, unbreakable. Ideal for greenhouse use. Each \$1.50; 3 for \$4.00.



Fogg-It Nozzle

The new fine mist sprinkler that really reduces water consumption and gives a full uniform coverage and wetting effect. Each \$1.50; 3 for \$4.00.



Hozon Syphon

A simple yet effective way to apply liquid fertilizer. Just attach between faucet and hose. \$2.00.

Prices Subject to Market Change.

FLORISTS' SUNDRIES

Bull Dog Clips. For fastening packages, boxes, etc. Box (1000) 70c.

Celery Tape, Red. 1000-yard spool \$6.50.

Celery Tape, Green. 1000-yd. spool \$6.50.

Pearl Chips. For bulb bowls, aquariums, etc. White and assorted colors. Pkg. 10c; 12 pkgs. \$1.00; 25 pkgs. \$2.00; 100 pkgs. \$7.50.

Pearl Chips, White. In bulk. 10 lbs. \$1.25; 25 lbs. \$2.00; 100 lbs. \$7.00.

Pearl Chips, Colored. 100 lbs. \$8.00.

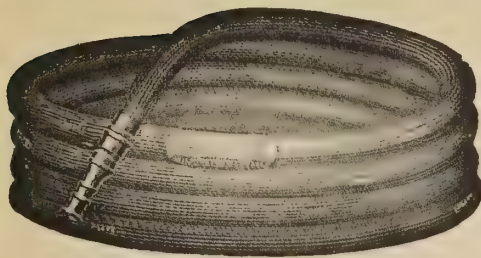
Peat, Orchid. 10 lbs. \$6.50; bale, approx. 20 to 25 lbs. \$13.50.

Pebbles. 25 lbs. \$1.00; 100 lbs. \$2.50.

Shaderine. 5 lbs. \$3.35; 10 lbs. \$6.50.



MICHELL'S WATERING EQUIPMENT AND SUPPLIES



Electric Hose

This Hose is a two-braid rayon thread. Can be cut to any length.

	Per ft.
3/4-in. 2-braid rayon	\$0.50
1/2-in. 2-braid rayon	.38
25-ft. sections coupled free.	

Rubber Hose

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 60c per pair for couplings attached.

Vigilant. 3/4-in. 2-braid. 25 ft. coupled.	\$7.65
Vigilant. 3/4-in. 2-braid. 50 ft. coupled.	14.00
Full-Flo. 3/4-in. 2-braid. 25 ft. coupled.	7.50
Full-Flo. 3/4-in. 2-braid. 50 ft. coupled.	13.00
Full-Flo. 3/4-in. 2-braid. 100 ft. uncoupled	25.00
	Per ft.
Spray Pump Hose. 3/8 in. No. 7B.	\$0.37

Amepeco Realite Plastic Hose

Made by one of the largest plastic hose producers, it is kink-proof, crack-proof, non-soiling and equipped with self-attaching couplings. 5-year guarantee.

	25 ft.	50 ft.
Clear Amber. 5/8 in.	\$3.80	\$6.50
Bright Red. 5/8 in.	3.00	5.00
Green. 5/8 in.	3.00	5.00

Aquamatic Hose Nozzle



A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Complete with spray rose and solid stream nozzle. Price, \$6.00.

Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2- and 3/4-in. hose—mention which is wanted when ordering. Pair 45c; doz. pairs \$4.50.

Quick Hose Connector No. 351

Handy brass automatic coupling. Slides on and off with ease. Great labor saver.

	Each	6
Complete	\$1.25	\$6.50
Faucet end only	.35	2.00
Hose end only	.90	5.25

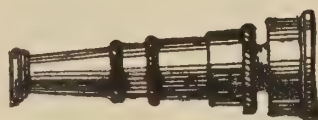
Greenhouse Sprinklers

Light Brass. Of lighter construction. 3-in. face. Each, \$1.25; 3 for \$3.50.



Flaring Rose Sprinkler

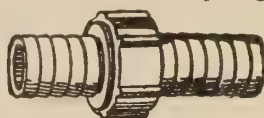
Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, \$1.10; 3 for \$3.00.



Brass Nozzle

For 3/4-in. hose\$1.45 each; 3 for \$4.10

Brass Hose Couplings



	Pair	Doz.
1/2-in.	\$0.52	\$6.00
5/8-in.	.52	6.00
3/4-in.	.52	6.00

Spray Nozzles (3/8-in. thread)

Bordeaux. (Fig. 1692.).....Each \$2.15

Extension Pipes, etc.

For reaching into trees (3/8-in. threads).

	Each
Pet Cock. For extension pipes.....	\$1.00
Paragon Extension. 2 1/2 ft.	1.00



Perfect Hose Menders

For 1/2-in. and 3/4-in. hose. 20c each; doz. \$1.80.

Myers' Knapsack Spray Pump

No. 1330A
Galvanized tank; capacity, 4 gals. 18-in. brass extension rod. Weight, 15 lbs. Price, \$30.50.



Standard Temperature Alarm

Automatic device for control of temperature in greenhouses. Alarm will guard against low or high temperatures 24 hours a day. Furnished complete with the exception of wire, battery and bell. Now fabricated in its entirety from non-ferrous materials, the handsome chrome-plated case, rugged indicating mechanism and insulated wiring are not affected by moisture in the near-saturated air within the greenhouse.

No. GH 5.\$19.95

Thermometers

Maximum and Minimum. Registers the coldest and warmest points during the previous night. Copper case. 10 in.\$8.50

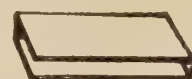
TESTED GRADE

No. 5127. Temprite greenhouse. 8-in. White column 2.25

Keystone Liquid Glazing Putty

Especially adapted for glazing wood and metal sash. Can be applied with a putty bulb or gun, making a perfectly water-tight job. Gal. \$4.25; 5 gals. \$20.00.

Peerless Glass Repair Clamp



Will not rust. Saves lights of glass. \$2.25 per 100; 500 for \$10.00.

Glazing Points

1. **Peerless, No. 2 1/2.** For double-thick glass. \$1.35 per 1000.

2. **Seibert Style.** Zinc. Made with a prominent head. Cannot rust. Easily driven. 5/8-, 3/4-, and 7/8-in., lb. 80c; 5 lbs. \$3.75. (1000 to 1200 in a pound.)



Aprons

For protection to clothing while watering, etc.

Rubber, Heavy	\$4.35
Blue Denim	2.00
Lightweight Rubber. 26x40 in.	3.25

Raffia

We make a careful selection of long, broad strands for our trade.

Natural Color. Lb. 85c; 5 lbs. \$3.85.
Green. 1/2 lb. 75c; lb. \$1.35; 5 lbs. \$6.00.

Tree Labels

	100	1000
Copper Wired. Painted	\$0.70	\$5.00
Copper Wired. Plain	.55	4.00

Painted Labels

Pot	No. in Pkg.	100	1000
4-in., 5/8 in. wide	1000	\$0.75	\$4.20
5-in., 5/8 in. wide	1000	.85	4.60
6-in., 5/8 in. wide	1000	.95	5.00
Garden			
8-in., 7/8 in. wide	250	1.20	10.00
10-in., 7/8 in. wide	250	1.40	12.00
12 in., 1 1/8 in. wide	100	2.00	19.00
Field			
18-in., not painted	100	\$8.50	\$40.00

Rubber Saucers—Green or Red

	Each	Doz.
No. 1. 5 1/8 inch	\$0.30	\$ 3.35
No. 2. 7 7/8 inch	.55	6.25
No. 3. 10 3/8 inch	1.10	12.00
No. 4. 12 1/4 inch	2.20	24.00
No. 5. 14 1/2 inch	3.30	36.00

Vita Plant Bands

VITA-D. An improvement over Vita 40, having a higher concentrate. Ideal for Carnations.

Vita 10. Has the same quick set-up and fast handling features without nutrient treatment. A low-priced band giving satisfactory results for growing periods up to eight to ten weeks. May require occasional liquid feeding.

VITA-BAND H. The new successor to Vita-Band "40." A solidly constructed nutrient-treated plant band that will absolutely control the root growth of plants which demand extra-long growing periods.

	Vita-H	Vita-D	Vita 10
		Per 1000	
1½x1½x2½ in.		\$4.85	\$4.70
1¾x1¾x2½ in.	6.10	5.15	5.00
2 x2 x2½ in.	6.45	5.35	5.25
2 x2 x3 in.	7.55	6.05	5.75
2½x2½x3 in.	8.10	6.30	6.25
3 x3 x3 in.	8.50	7.05	6.90
4 x4 x3 in.	10.45	9.25	9.00
4 x4 x4 in.	12.90	11.60	11.25

Tom Thumb Flats

Size No. 1.	Holds 12—1¾x1¾x2½ in. bands	1000
		\$44.70
Size No. 2.	Holds 12—2-in. bands	49.60

Tom Thumb Flat and Plant Band Combinations

Size No. 1.	With Vita Band 10	1000 Sets
		\$ 96.80
Size No. 2.	With Vita Band 10	106.70

Red Paper Pots

Neponset Red Pots protect against root-ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth.

Diam.	500	1000
2 -in.		\$ 9.00
2¼-in.		9.00
2½-in.		9.10
3 -in.		9.60
3½-in.		12.80
*4 -in.	9.25	15.50
*5 -in.	10.50	19.00
*6 -in.	12.50	23.40

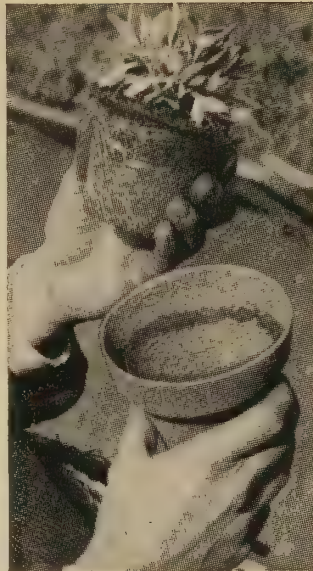
Sizes marked * are packed 500 to a crate. Special prices will be quoted f.o.b. factory.

Bird's Perennial Pots

The Bird Perennial Pot is made of a much tougher material than other heavy pots. The hard, smooth coating inside and out adds to the toughness and eliminates any possibility of sticking.

Height	Top-Diam.	Per Case	1000
5½ inch	5 inch	\$ 8.75	\$47.50
6½ inch	6 inch	12.50	58.50
9½ inch	7 inch	15.25	69.00
5 inch	8 inch	14.50	65.00

Packed 200 to case.



VITA-M POTS

Made with a special formula—helps plants grow extra root ends. Light in weight, mildew resistant, and can be re-used time and time again. Traditional brick-red color.

Size	Per Case	Weight	Per M
2¼"	1000	16 lbs.	\$10.75
3"	1000	27 lbs.	17.50
3½"	1000	37 lbs.	20.50
4"	500	25 lbs.	24.00

VITA-GREEN POTS

Bird Vita-Green pots mean quick and easy planting for you . . . they're light and convenient to handle. They stay clean and are mildew resistant. Green color for more sales appeal. Low cost, and because you plant the pot too, you don't spend valuable time and money picking up and trucking useless empties.

Size	Per Case	Weight	Per M
2¼"	2000	22 lbs.	\$ 7.10
2½"	2000	26 lbs.	8.60
3"	2000	36 lbs.	12.40

(Sold in units of 2000 only)

Neponset Vita Paper Pots

Light in weight nutrient-treated pot, that is tough enough to be used to grow and ship potted plants in the same pot.

Size	1000	Size	500	1000
2 in.	\$14.60	3½ in.	\$22.70	
2¼ in.	14.95	*4 in.	14.50	25.70
2½ in.	15.50	*5 in.	18.50	33.40
3 in.	17.40	*6 in.	23.50	44.10

Sizes marked * are packed 500 to a crate.

Keystone Tubs

No.	Top Diam. in.	Depth in.	Each	Doz.
1.	6 x	6	\$1.15	\$13.00
2.	7 x	7	1.30	14.75
3.	8 x	8	1.35	15.50
4.	9 x	8	1.50	17.00
5.	10 x	9	1.75	20.00
6.	12 x	11	2.65	30.00
7.	14 x	13	4.15	47.00
11.	16 x	15	6.00	66.00
13.	18 x	17	7.50	78.00
Tub Handles, not attached				80c pr.

BIRD PEAT POTS

A molded type plant growing container composed of high quality peat, blended with other ingredients to stimulate healthy and speedy premium growth. Rugged rim provides added strength at the vulnerable top area. Roots grow right through the walls.

Size	Per Case	Weight	Per 1000
2¼ in.	2000	22	\$ 7.00
3 in.	2000	38	13.00

(Minimum order 2000)

GRO-TAINER

The new molded seedling tray. Strong and extremely resistant to deterioration. Holes in the bottom provide excellent drainage. Gro-tainer breathes through its side wall and bottom surfaces.

No. 2\$44.00 per 1000
Top dimensions 7 5/16x5 5/16x2 5/8.
Capacity 6 2x2x2½ Bands.

No. 3\$58.00 per 1000
Top dimensions 8 3/8x6 7/8x2 5/8.
Capacity 12 1¾x1¾x2½.

No. 4\$68.50 per 1000
Top dimensions 9 1/8x7 3/8x2 5/8.
Capacity 12 2x2x2½ Bands
Packed 200 per case.

Aluminum Containers

REYNOLDS ALUMIPOTS *

The aluminum foil plant pot for growing, shipping and selling. An extremely light, clean and disease free pot that actually helps to sell the plant. Bright and attractive and there's no need to re-pot or wrap plant, you can grow and sell in the one pot.

Excellent for foliage plants, Geraniums, pot Mums, Azaleas, perennials, Poinsettias, and spring plants.

	Per 1000	Per 1000
	2¼"	3"
1- 9,000	\$22.90	\$31.00
10- 24,000	21.35	28.90
25-148,000	19.85	26.85
50 & up	18.30	24.80

	4"	Per 1000
1- 9,000		\$49.20
10,000-24,000		45.90
25,000-49,000		42.65
50,000-99,000		39.35

Also available in Red, Green, and Gold at additional cost.

*Trademark Reynolds Metals Co.

REYNOLDS ALUMIPAKS *

4¼ x 8¼ x 2 inches deep. A new aluminum pak for marketing plants. Can be used for all types of bedding plants now sold from flats or small pots such as Marigolds, Petunias, Salvia, Tomatoes, Peppers, etc. Has holes for drainage. Prices per 1000:

	Per 1000	Per 1000
1- 9,000	\$46.00	25-49,000
10-24,000	42.90	50,000 & up .. 36.80

*Trademark Reynolds Metals Co.

Michell's High-Grade Fertilizers

Adco. A bacterial food for making artificial manure with leaves, grass cuttings, etc. 20 lbs. (sufficient to make 1/2 ton of manure) \$3.15; 150 lbs. \$18.00.

Blood, Dried. For indoor culture of flowering plants like Roses, Carnations, etc. 50 lbs. \$9.00; 100 lbs. \$16.00.

Bonemeal, Michell's Special Florists' Brand. 50 lbs. \$3.75; 100 lbs. \$7.00; 1/2 ton \$65.00.

Cottonseed Meal. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 50 lbs. \$4.00; 100 lbs. \$7.50; 1/2 ton \$68.00.

Cow Manure, Pulverized. Thoroughly sterilized and weedless. 100 lbs. \$6.10; 1/2 ton \$51.00.

ELECTRA. A perfectly balanced fertilizer which is more than 80 per cent organic. It can be used for almost any purpose. Can be shipped from Lynn, Mass. 80-lb. bags, \$6.00.

Fertilizer 5-10-5. 80 lbs. \$3.00; 10 bags \$28.00.

Hyper-Humus. Packed in moisture-proof polyethylene bag to preserve effectiveness. Especially desirable for mixing with potting soil. 100 lbs. \$4.25; 500 lbs. \$20.00; truckload lots (minimum 10 tons in bulk), \$13.50 per ton, F.O.B. Newton, N. J.

Hyponex Plant Food. Highly concentrated. One pound makes 100 gallons. Use it for seedlings, cuttings, transplanting and general feeding. Twelve 1-lb. pkgs. \$8.00; 10 lbs. \$5.35; 25 lbs. \$10.00; 50 lbs. \$16.65; 100 lbs. \$26.67.

Muriate of Potash. 60%. Apply 100 to 150 lbs. per acre, usually with other fertilizers. 80 lbs. \$4.00; 10 80-lb. bags \$36.00.

Nitrate of Soda. Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 50 lbs. \$3.75; 100 lbs. \$6.50.

Phosphate, Super (20%). Apply 1000 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 80 lbs. \$2.25; 10 80-lb. bags \$20.00; ton \$45.50.

Sulphate of Aluminum. Adapted for fertilizing Rhododendrons and other plants requiring an acid soil. 50 lbs. \$3.15; 100 lbs. \$5.40; 1/2 ton \$40.00.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. Analysis: Equal to 25 per cent of ammonia. 80 lbs. \$3.75; 10 80-lb. bags \$34.00.

Sulphate of Iron. 50 lbs. \$2.75; 100 lbs. \$4.75.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis: Equal to 50 per cent of actual potash. 25 lbs. \$3.25; 50 lbs. \$5.50; 100 lbs. \$9.00.

Peat Moss

A moisture-retaining humus and an aid for saving soil fertility. Furnishes organic matter which all soils require. Large bale, \$5.50. Prices on larger quantities on application.

Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average. **Sphagnum, Dry.** Finest quality. Bale \$6.75; 5 bales \$32.50.

Green Sheet. 15-lb. bag, \$7.00.

Orchid Peat. 10-lb. bag, \$8.00; bale (approx. 40-45 lbs.), \$20.00.

Liquid Fertilizer

KAPCO

Ideal for potted plants as a starter solution, and greenhouse bench crops. Used by commercial growers all over the U. S. who claim it is the best fertilizer they ever used. Completely 99 1/2% water soluble. Safe and easy to apply. Contains color tracer. Water and feed in one operation. 2 lbs. makes 100 gallons of feed.

	25 lbs.	80 lbs.	300- 800 lbs.
15-30-15	\$6.50	\$20.40	22c per lb.
20-20-20	6.50	20.40	22c per lb.

Azalea Acid

30-10-10

The new chelated iron complex formula for feeding all plants in alkaline soils. 2 lbs. makes 100 gallons of feed.

25 lbs. \$7.50; 80 lbs. \$22.00.

Orders of 300 lbs. or more sent prepaid within 400 miles of McKeesport, Pa.

Green Glo

The Spray-On Plant Polish

Don't wipe or clean plant leaves as it may cause bruising. Just spray on Green Glo and let dry.

8-oz. \$ 7.60 per case of 24 suggested retail price \$0.50 each
1-qt. \$12.00 per case of 12 suggested retail price \$1.50 each
1-gal. \$13.20 per case of 4.

Sprayer applicator (8- oz. and 1-qt.) \$1.80 per doz., suggested retail price 25c each.

PACKETS

Floralife

100 PACKETS IN DISPLAY BOX \$5.00
500 imprinted packets, factory filled 5c each
1,000 imprinted packets, factory filled 4c each
5,000 imprinted packets, factory filled 3 3-10c each
10,000 imprinted packets, factory filled 3c each
1,000 imprinted unfilled envelopes \$10.00

BULK

Floralife

30-qt. size (\$1.00 retail seller) \$0.60
100-qt. size (\$3.00 retail seller) 1.75
250-qt. size (10 lbs. net) 4.00
500-qt. size (20 lbs. net) 7.50
1000-qt. size (40 lbs. net) 13.50
2000-qt. size (80 lbs. net) 25.00

Prices in U. S. only



OCTAGONAL TUBS

Made of the finest grade Redwood. Beautiful indoors, weather-resistant outdoors. Carefully handmade and stained, these softly glowing Redwood tubs are bound by strong recessed brass bands.

	Each	24	120
10-in. 4 lbs.	\$2.70 each	\$2.45 each	\$2.30 each
12-in. 6 lbs.	3.30 each	3.05 each	2.85 each
14-in. 8 1/2 lbs.	4.00 each	3.70 each	3.55 each
16-in. 11 lbs.	4.70 each	4.30 each	4.25 each
18-in. 13 1/2 lbs.	5.60 each	5.30 each	5.25 each

(Packed 6 per carton.) Above measurements are outside dimensions.

120 Tubs or over sent Prepaid within 1,000 miles of Philadelphia.

ARAMITE

New miticide very effective against red spider for use in greenhouse and on outside crops. Will kill parathion-resistant varieties of spiders. 4 lbs. \$3.50.

ANTI-DAMP

"Stops damping off" of seedlings and cuttings. Harmless to plant. Pt. \$1.40; qt. \$2.25; gal. \$8.75.

ARSENATE OF LEAD

One to 1½ pounds diluted with 50 gallons of water, or may be used dry, like Paris Green. Lb. 80c; 4 lbs. \$2.15; 12 lbs. \$5.50; 48 lbs. \$21.00.

BENZO-FUME PRESSURE-FUMIGATORS

are guaranteed to contain not less than 17½% of azobenzene. Fumes generated in the Pressure-Fumigator can in which this specially compounded powder is packed, control greenhouse red spider. 1-lb. tins, \$5.95 per case of 12; ½-lb. tins, \$3.60 per case of 12.

BLACK-LEAF 40

Full directions on each package. 6 ozs. \$1.75; 5 lbs. \$9.20; 10 lbs. \$17.00; 50-lb. drum \$71.00.

BORDEAUX MIXTURE, POWDER

A 12¼% copper mixture for spraying purposes. Lb. 70c; 4 lbs. \$1.70; 12 lbs. \$4.25; 48 lbs. \$16.50.

CHELATED IRON

FERRO-GRENE (8% iron). For correcting iron chlorosis in Azaleas, Gardenias, Hydrangeas, Roses, and certain other plants. Holds the iron in the soil in a readily available form making it possible for the plant to get iron under conditions where iron might ordinarily be unavailable. Lb. \$2.00; 5 lbs. \$8.75; 10 lbs. \$12.50.

CHLORDANE

6% Dust. For control of many garden and lawn pests such as ants, chiggers, cutworms, mole crickets, chinch bugs, grubs, etc. 1 lb. 55c; 4 lbs. \$1.35.

50% Wettable Powder. A highly effective stomach poison for some chewing insects that are resistant to DDT, very effective in the control of grasshoppers. 8 ozs. \$1.25; 5 lbs. \$6.00.

Emulsifiable Liquid 48E. ½ pint \$1.45.

CUPRINOL GREEN and CUPRINOL CLEAR

Insects and fungi just don't go in wood treated with Cuprinol. This excellent wood preserver is harmless to plants. One gallon covers 400 sq. ft. 5 gals. \$19.80; 50 gals. \$189.00.

CUPRINOL No. 14 FOR FLORISTS

Especially prepared for dipping flats, stakes, etc. 5-gal. pails \$12.80; 50-gal. drums \$119.25. (Note: Use the regular Cuprinol for wood on benches and other permanent construction where application is made by brush or spray.)

CYANOGEN (Calcium Cyanide)

G. Fumigant. A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$4.00; 25 lbs. \$13.50.



Dimite is a new proven chemical giving quick initial kill and long residual action in control of mites and red spiders on flowers, evergreens, shrubs, and vegetables. Contains 25% Di-Methyl-Carbinol (DMC) in a water mixible solution. Qt. \$5.00; gal. \$14.00.

DDT

Duradust 50% wettable DDT. A powerful contact and stomach poison useful against many pests including thrips, leaf hoppers, mum midge, etc. Makes a highly residual spray. 1 lb. 80c; 4 lbs. \$2.00; 50 lbs. \$19.50.



DOWFUME MC-2

New control for most weeds and soil diseases in seed beds, greenhouses, and local areas. Insects are killed in all early life stages. Easy to apply. Price: 1-lb. pkg. \$1.00; case lots, 24 per case, \$21.40.

DOWFUME APPLICATOR

\$5.00.

ENDRIN

A very effective control for cyclamen mite on African Violets, Begonias, Chrysanthemums, Cyclamen, and many foliage plants. Gal. \$12.90.

FERMATE

is effective for diseases on Apples, Pears, Sweet Cherries, Celery, Tomato. Also black spot on Roses, septoria leaf spot on Chrysanthemums and Snapdragon rust. 8 ozs. 70c; 3 lbs. \$2.10; 50-lb. bag \$2.10. \$34.00.



LIME-SULPHUR, LIQUID

For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of Peaches. Qt. 55c; gal. \$1.60; 5 gals. \$6.30; drum (30 gals.) \$11.50; bbl. (55 gals.) \$22.00.

LIME-SULPHUR, DRY POWDER FORM

Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate; keeps indefinitely. Lb. 75c; 5 lbs. \$3.20; 25 lbs. \$7.50; 50 lbs. \$14.00.

LINDANE

5% Spray—quick, positive insect control effective 3 ways—when eaten, by contact, and by fumigating action. Useful in protecting flowers and foliage of all kinds, both indoors and out. 4 ozs. 65c; pint \$2.00.

MALATHION

Aphid and mite spray containing 50% Malathion. One of the newest insect killers recommended for control of many hard-to-kill insects. An emulsifiable insecticide. 4 ozs. \$1.00; gal. \$14.50.

Wettable Powder. 15%. 2 lbs. \$1.75.

NAPHTHA FLAKES

For cleaning the soil. Will control thrips, sowbugs, and other earth vermin. 10 lbs. \$3.00; 25 lbs. \$6.00; 50 lbs. \$11.50; 100 lbs. \$20.00.

NATRIPHENE

Stop damp-off, mildew, stem rot and blue mold.

Growers all over the country have had excellent results with Natriphene for controlling damping-off of seedlings and small plants and cuttings, for mildew on Roses, to soak bulbs and tubers before planting, in preparation of seed beds; and to control most fungus diseases affecting plants.

100 tablet box (200 gal.)\$5.00

2½-lb. can (500 gal.) 7.50

NICO-FUME, LIQUID

A modern insecticide for vaporizing and spraying. Lb. \$2.60; 2 lbs. \$3.45; 8 lbs. \$11.95; 40 lbs. \$53.75.

NICO-FUME POWDER PRESSURE FUMIGATOR



Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. ½-lb. size, 60c each; case lots of 1 doz., \$5.50. Lb. size \$1.00 each; case lots of 1 doz. \$10.00.

ORTHOCIDE

Contains 50% Captan wettable powder. A superb fungicide for use on Roses and certain other plants. Can be used to control damping-off in Azaleas by dipping cuttings in solution. 5 lbs. \$4.75.

PANO-DRENCH

A new and very effective chemical for control of damping-off on flowers and ornamentals. 4 ozs. makes 72 gals. of drench and treats 150 to 200 flats. 4 ozs. \$5.95; pint \$19.20.

PARA-DICHLOROBENZENE

For Peach-tree borers. Full directions on each package. 1-lb. can 90c; 5-lb. can \$3.40.

PARATHION DUST

15% wettable (for outdoor use only). Use as a spray to control Cyclamen mite on Delphiniums, red spider on evergreens, Azaleas, Hydrangea. 3 lbs. \$2.40. Case of 12, \$27.00.

PARZATE

is du Pont's newly developed dithiocarbamate fungicide which may be used as a spray or a dust for the control of many important plant diseases. 3 lbs. \$2.85; case of 12, \$31.20.

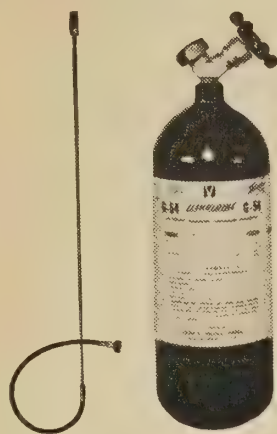
P-40

Contains 2% of sodium selenate in granular superphosphate for dry application. Broadcast as fertilizer at the rate of 3 lbs. per 100 sq. ft. 25 lbs. \$20.00; 50 lbs. \$37.50; 100 lbs. \$70.00; 500 lbs. \$325.00



AEROSOL BOMBS – Refillable

The Modern Method of Pest Control



Parathion, No. G54

Wide range of killing action and particularly recommended for hard-to-kill insects such as mealy bug, leaf roller and Suriam roach. Where red spider mite is found to be resistant, switch to HEPT. One bomb treats 200,000 cu. ft. 4-lb. bomb \$8.00 (shell deposit \$3.75).

DDT-Greenhouse, No. G50

5% DDT. For greenhouse use only—for white fly, thrips and some other insects on all crops except Cucumbers. One bomb treats 200,000 square feet. 4-lb. bomb \$8.50 (deposit \$3.75).

Dithiono, No. G57

5%. For general floral greenhouse use, particularly against red spider resistant to parathion. Also unusually effective against mealy bug, aphids, white fly and thrips. One bomb treats 200,000 cubic feet. 4-lb. bomb \$8.00 (shell deposit \$3.75).

TEPP, No. G52

5%. For flowers and vegetables. Kills red spider, many aphids and adults of white fly. Low-cost bomb. No residue. One bomb treats 400,000 cu. ft. 4-lb. bomb \$6.50 (deposit \$3.75).

Malathion G62

15%. For spider mite, white flies on Roses, Chrysanthemums and Carnations. Covers 200,000 sq. ft. 4-lb. bomb, \$9.75. Shell deposit, \$3.75.

Aramite No. G60

10%. Especially effective against the resistant red spider. 4-lb. bomb contains 10% Aramite and treats 200,000 cu. ft. Use two applications one week apart. 4-lb. bomb, \$12.00 each. Shell deposit, \$3.75.

Applicator

Including sling (with adjustable shoulder strap) for carrying bomb, 3-ft. nozzle rod and 3-ft. connecting hose. \$7.00.

Gas Mask

Greenhouse Gas Mask complete with canister, \$32.00. Replace-ment canister, \$5.00.

RED ARROW INSECT SPRAY

(Pyrethrum Soap)

A safe, efficient insecticide for use against sucking and chewing insects. Pt. \$2.90; gal. \$15.90.

ROTENONE DUST

An economical, effective insecticide, non-poisonous to humans. For leaf-eating insects attacking vegetables. Lb. 40c; 4-lb. bag \$1.10; 50 lbs. \$11.00.

SCALECIDE

Used for the destruction of the San Jose scale. Spray when the trees are dormant. Gal. \$3.20; 5 gals. \$10.25; 15 gals. \$23.00.

SEMESAN

A mercuric disinfectant for the control of many seed, plant, and soil diseases. 4 ozs. \$1.00; 12 ozs. \$4.95; 25 lbs. \$105.00.

SNAROL, Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 2½-lb. pkg. 85c; 6-lb. pkg. \$1.60; 50 lbs. \$10.80.

SPREADER, GRASSELLI

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It is a liquid and mixes readily with cold water. Pt. \$1.65; gal. \$7.85; 5 gals. \$37.50.

SULPHATE OF ALUMINUM

Used in conjunction with hydrated lime, makes a safe and excellent repellent for Japanese and Asiatic beetles. One pound of aluminum sulphate with 6½ pounds of hydrated lime will make 33 gallons of diluted spray. 25 lbs. \$1.80; 50 lbs. \$3.15; 100 lbs. \$5.40.

SULPHUR

(Flowers.) 5 lbs. 90c; 10 lbs. \$1.65; 25 lbs. \$3.15; 100 lbs. \$12.00.

SULPHUR, WETTABLE, Dritomic

A greatly improved summer fungicide containing 95% sulphur of 325-mesh fineness. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf spot, mildew, rust, etc. 5 lbs. 70c; 50 lbs. \$6.00.

SYSTOX

A systemic insecticide which penetrates by absorption and is translocated in the plant. It forms an emulsion when diluted with water to any desired strength, and is suitable for use in all power sprayers. An effective control for spider mite on Holly, Azaleas, Delphiniums and Roses. Gal. \$32.00.

TARTAR EMETIC

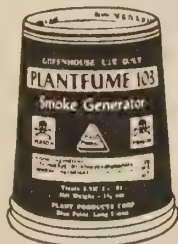
To control Gladiolus thrip, use 4 lbs. tartar emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.40; 5 lbs. \$6.75; 25 lbs. \$30.00.

PLANTFUME 103

Smoke Generators

It is not a bomb but will do everything a bomb does. It is a smoke generator. The generated smoke is laden with minute particles of insecticide. When the required number of generators are ignited, the smoke carries the insecticide to every part of the greenhouse, insuring complete coverage of the plants for insect control.

36 1¼-oz. pkgs. to carton—covers 5,000 cu. ft. \$10.50
12 7-oz. pkgs. to carton—covers 20,000 cu. ft. 12.50



TERRACLOR

Controls Rhizoctonia Stem Rot by inhibiting growth of the fungus responsible. For soil drench, mix 2½ lbs. per 300 gallons of water to treat 1000 square feet of bench or bed areas. 5 lbs. \$4.85.

VAPAM

A liquid soil fumigant that destroys weeds, fungi, nematodes, and soil insects. Virtually wipes out all sub-soil pests and diseases. No special equipment is required. One gallon is sufficient to treat 400 sq. ft. Gal. \$5.60; 5 gals. \$24.25; 30 gals. \$120.00.

VAPOTONE

A new organic insecticide containing tetraethyl pyrophosphate. Acts primarily as a contact poison for the control of red spiders and mealy bugs. Gal. \$11.90.

VOLCK

(Oil Spray.) A highly refined insecticide spray carrier for use against mealy bugs, scale insects, red spiders, and white flies on plants. This fine product also acts as an excellent leaf polish. Qt. \$1.00; gal. \$2.50; 5 gals. \$8.75; 28 gals. \$38.00 (plus \$1.00 drum charge.)

ZERLATE

Use as spray or dust to control early Potato blight, Celery blight, anthracnose and leaf spot on Tomatoes, leaf and wilt diseases on cucurbits, brown rot on Peaches. Descriptive circular on request. 3 lbs. \$2.45; 50 lbs. \$35.00.

WEED KILLERS

WEEDONE—New Improved

Contains the powerful 2, 4, 5-T and 2, 4-D, the two most effective chemicals for killing lawn weeds, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants WITHOUT KILLING THE GRASS. 8-oz. bottle 90c; qt. \$2.45; gal. \$6.25; 5 gals. \$22.50.

WEEDONE—Crab Grass Killer, Containing Sodar

Newest chemical for control of crab grass and common chickweed. Will not injure most lawn grasses. 4 ozs. \$1.10; 1 lb. \$3.15; 2 lbs. \$6.00; 6 lbs. \$17.50.

WEEDEX

Positively destroys every kind of weed and vegetation wherever applied.

Cannot be used in the garden, flower beds or on the lawn. Qt. 60c; gal. \$1.75; 5 gals. \$8.00; 30 gals. \$38.50; 55 gals. \$71.00. Plus \$6.00 returnable deposit on drum.

ROOT FORMING CHEMICALS

ROOTONE. The plant hormone powder. Roots cuttings faster and makes more roots. 2 ozs. \$1.00—doz. \$8.00; lb. \$5.00—doz. \$40.00.

ROOTONE with Fungicide. Hormone powder combined with fungicide. Controls damping off and stimulates formation of roots. Lb. \$5.00.

TRANSPLANTONE. A stimulant for already formed root growth. 1 teaspoonful in 1 gal. of water. 3 ozs. \$1.00—doz. \$8.00; lb. \$4.00—doz. \$32.00.

HORMODIN POWDER. Dip stems and place in usual propagating medium. For house, garden and greenhouse plants use Hormodin Powder No. 1; No. 2 for woody types, and No. 3 for evergreens. No. 1, 1¼ ozs. 50c; lb. \$3.00. No. 2, 1¼ ozs. 75c; lb. \$4.50. No. 3, oz. \$1.00; ½ lb. \$4.50.

TERRALITE (VERMICULITE) PLANT AID. A growing medium for rooting cuttings, propagating, seed germination, mulch, lightening heavy soil, storing bulbs. 4 cu. ft. (20 lbs.) \$2.00 per bag; \$1.60 per bag in 5-bag lots.

Quality Material - Prompt Service - Competitive Prices

PHILODENDRONS

Large Leaf Varieties

Pertusum	25	100
3 inch, 3-4 leaves	\$.070 ea.	\$55.00
4 inch, 3-4 leaves	1.00 ea.	80.00
Moss rooted cuttings, 4-5 leaves	1.00 ea.	80.00
Moss RC select stock	1.20 ea.	110.00

Hastatum		
3 inch, 3-4 leaves	.65 ea.	50.00
4 inch, 4-5 leaves	1.00 ea.	80.00

Panduraforma	1000	
RC small, 3-4 leaves	\$135.00	14.50
RC medium, 4 leaves	200.00	21.00
RC large, 4 leaves	240.00	25.00
3 inch, 2 plants	.65 ea.	55.00
4 inch, 3 plants	1.00 ea.	80.00

Dubia	3 inch	.60 ea.	45.00
	4 inch	.80 ea.	65.00

Monstera	4 inch	1.15 ea.	100.00
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100 RATE: 25 same variety and size; 50 same size.

TROPICAL FOLIAGE PLANTS

Foliage plants are increasing greatly in popularity each year and the demand for top quality material is often greater than the supply. We suggest where possible customers place future and standing orders to insure their receiving the very best exactly when they want it.

The majority of our foliage plants are supplied by approximately twenty specialized growers and shippers in Florida who are inspected by our company at least four times a year, as well as visited by most of our sales force yearly.

You will have fine success with foliage plants if you remember they are native to the tropics and do best in high temperatures of 70 degrees or better, high humidity and a low light intensity since most of them are shade loving plants. Organic matter is needed in the soil and they do best in light soil containing a high percentage of peat.



PHILODENDRON CORDATUM

	100	1000	2000 and over per 1000
Propagating Eye		\$13.00	
Leaf and started eyes		35.00	32.50
RC, 2-3 leaves	5.00	40.00	37.50
RC, 3-5 leaves	7.00	60.00	55.00
2 1/4 in., 2 plants per pot	15.00	140.00	
2 1/4 in., 3 plants per pot	23.00		

SEERSUCKER (*Geogenanthus Undulata*)
RC, \$20.00 per 100; \$180.00 per 1000
RC, dish garden size, \$15.00 per 100
3-in. pots (2 plants) \$60.00 per 100

Philo. Micans RC, 3-5 leaves... \$7.00 \$60.00
Ficus Radicans Variegata RC... 7.50 60.00
Dichorisandra Reginae RC... 7.50 60.00
Trichosporum Pulchraum RC... 7.50 60.00

Newer PHILODENDRONS

CLIMBING VARIETIES

	Bare Root		3" Pots	
	100	1000	25	100
Florida	\$35.00*		\$0.75 ea.	\$60.00
Guttiferum	25.00*	200.00	.75 ea.	60.00
Hastatum Imbe	25.00		.60 ea.	50.00
Laciniatum	25.00*		.75 ea.	60.00
Squamiferum	25.00	225.00	.75 ea.	60.00
Squam. Imbe	25.00	225.00	.75 ea.	60.00

*Come as RC.

SELF HEADING VARIETIES

	Bare Root		3" Pots	
	100	1000	Each	100
Auriculatum Imbe	\$25.00	\$225.00	\$0.75	\$60.00
Cannifolium	50.00		1.00	75.00
Cruentum . . . . .			.75	60.00
Florida Compacta . .	25.00	225.00	.75	60.00

Lynette	25.00	225.00	.75	60.00
Mellinoni	25.00	225.00	.75	60.00
Selloum	25.00	225.00	.60	50.00
Wendlandi	25.00	225.00	.75	60.00

Wend. Imbe	25.00	225.00	.75	60.00
Wendlandi				
Auriculatum	25.00	225.00	.75	60.00
Xanthosoma				
Lindenii	50.00		.75	

100 RATE: 25 same variety size; 50 same size.
1000 RATE: 250 same variety size; 500 same size.

Minimum: 3-in., 10 of a variety
75c packing charge on orders of less than \$20.00.



FICUS DECORA

Unrooted Tips With Aerial Roots

FLORIDA LACINIATUM AURICULATUM IMBE

	100
For 3" pots, 3 hard leaves	\$35.00
For 4" pots, 3 large hard leaves	50.00
Larger plants available in most varieties.	
4-in. at \$100.00 per 100; 6-in. \$200.00 per 100.	

BARK and POLE PLANTS

NEW VARIETIES

Philo. Florida	Vining Anthurium
Philo. Laciniatum	Philo. Squam. Imbe
	Each
24 in. high, 6-in. pots, 6 per case	\$2.75
36 in. high, 8-in. pots, 4 per case	5.50

POPULAR FAVORITES

Philo. Panduriforma	Philo. Hastatum
Large Leaf Pothos	Philo. Pertusum
(Spring and Summer)	
24 in. high, 6-in. pots, 6 per case	\$1.75
30 in. high, 8-in. pots, 5 per case	3.00
36 in. high, 9-in. pots, 4 per case	4.50
48 in. high, 10-in. pots, 2 per case	7.00

Extra Select Stock

36 in. high, 8-in. pots, 4 per case	5.25
48 in. high, 9-in. pots, 2 per case	7.50
60 in. high, 10- or 12-in. pots, 2 per case	12.00

Philodendron Cordatum on Poles

36 in. high, 7-in. pots, 4 per case	\$3.50
48 in. high, 8-in. pots, 2 per case	4.50
Minimum order of Bark Plants, 2 cases.	



PHILODENDRON PERTUSUM

SANSEVIERIA

	100	1000
Laurentii , 2 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in., 15-18 in., 18-24 in.	\$8.00	\$70.00
Laurentii , 3-5 leaves.*		
4-6 in., 6-8 in., 8-12 in., 12-15 in., 15-18 in., 18-24 in.	16.00	140.00
* 4-12 in., 2,000 and over, less \$15.00 per 1000.		
Zeylanica , 2 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in., 15-18 in.	6.50	57.50
Zeylanica , 3-5 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in., 15-18 in., 18-24 in.	8.00	70.00
Hahni		
Bare root for 2 1/4 in.	10.00	80.00
Bare root 2 1/2 in.	12.50	100.00
Bare root for 3 in.	15.00	125.00
		100
Golden Hahni , Bare root for 2 1/2-in. pots	\$35.00	
Bare root for 3-in. pots	50.00	
2 1/2-in. pots	50.00	



APHELANDRA LOUISE



DIEFFENBACHIA PICTA



DIEFFENBACHIA ROEHRSEI



FATSHEDERA LEITZEI

AGLAONEMA COMMUTATUM

	100	1000
2 1/4-in. pots, 4-8 leaves.....	\$26.00	\$250.00

APHELANDRA, LOUISE

2 1/4 in. or RC. Tip cuttings.....	50.00
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ARALIA BALFOURIANA

RC, medium	11.00	80.00
RC, large	13.50	100.00
2-in. pots, 2 leaves.....	16.00	150.00

ARALIA SIEBOLDI

Seedlings, (2 1/4-in. size.) Shiny deeply cut foliage on slender trunk.....	6.75	62.50
2 1/4-in. pots.....	13.00	120.00

BOXWOOD

Transplants		
Select	6.75	62.50

CHINESE EVERGREEN

Rooted Cuttings		
3- 5 in., 3-6 leaves	8.50	75.00
4- 6 in., 4-6 leaves	11.50	100.00
5- 7 in., 4-7 leaves	13.50	120.00
6- 8 in., 5-7 leaves	22.50	200.00
8-10 in., 6-8 leaves	27.50	250.00
10-12 in., 6-9 leaves	32.50	300.00
12-15 in., 6-9 leaves	37.50	350.00

CROTONS

2 1/2-in. } Best Season	27.50	250.00
3 -in. } May 1st to	37.50	350.00
3 -in. select } Oct. 1st	50.00	
Moss RC for 5-in. pot.....	100.00	

CRYPTANTHUS

Tri-Color. URC for 2 1/4-in. pot....	50.00
3-in. pot	75.00

DIEFFENBACHIA

Amoena. URC, 12-16 in. (3-4 leaves)	37.50	350.00
URC, 18-24 in. (4 leaves).....	55.00	500.00
URC Extra Large	75.00	
Picta. RC, 3-inch.....	30.00	280.00
3 inch	35.00	325.00
Roehrsei. 3 inch.....	40.00	

DRACAENA

Godseffiana. 2 1/4-in. pots.....	16.00	
RC	11.00	85.00
Sanderiana. Rooted cuttings, 5-10 leaves	16.00	
2 1/4-in. pots.....	21.00	
Mme. Eugene Andre. RC, 6-10 leaves.....	22.50	200.00
2 1/4 in.....	35.00	
3-in. pots, 6-10 leaves.....	50.00	

EUONYMUS

Pulchulus. RC.....	5.75	52.50
Albo Marginatum. RC.....	5.75	52.50

FATSHEDERA

Leitzei. RC.....	7.50	70.00
Variiegated. RC.....	17.00	160.00

FICUS

	100	1000
Decora. Moss cuttings.....	\$100.00	
Elastica. Moss cuttings. 6-8 leaves.	35.00	\$320.00
Doescheri. Moss cuttings. 6-8 leaves	50.00	
Pandurata. 4-in. pots.....	80.00	

FITTONIA

Argyoneura. Rooted cuttings.....	10.00	85.00
Orders 2M and over, \$75.00 per 1000		

MARANTA KERCHOVEANA

RC, 3-5 leaves.....	9.00	75.00
2 1/4-inch pots.....	16.00	150.00

NEPHTHYTIS

Emerald Gem. RC, 3-5 leaves.....	7.00	60.00
2 1/4 inch	11.00	100.00
Green Gold. RC, 3-5 leaves.....	6.50	60.00
RC, 4-5 leaves, select.....		62.50
2 1/4 inch.....	16.00	150.00

NEANTHE BELLA PALMS

Seedlings, 1 1/2-2 leaves.....	5.50	30.00
Transplants, 3-5 leaves.....	6.50	55.00
Transplants, 4-6 leaves, 8-10 in.....	10.00	85.00
2-inch pots.....	16.00	150.00

PELLEONIA BLACK LEAF

RC, 4-6 leaves.....	37.50
2 1/4-in., 2 plants.....	110.00

PEPEROMIA

Emerald Ripple. Rooted cuttings.		75.00
1½-inch pots.	12.00	110.00
2¼-inch pots.	22.50	
Fosteriana. RC.		80.00
2¼ inch.		140.00
Fantasy. 1½-in. pots.	21.00	
Obtusifolia. Green. Rooted cuttings.	7.00	60.00
2¼ inch.	11.00	100.00
Variiegated. RC.	11.00	100.00
2¼ inch.	16.00	150.00

PODACARPUS

Bare root. 4-8 in.....	5.00	37.50
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PILEA CADIEREI

Aluminum Plant. Rooted cuttings.....	7.00	55.00
2 1/4 inch	16.00	150.00
Dwarf Variety, URC		45.00
Dwarf Variety, RC.....		75.00

POTHOS

Wilcoxi. Propagating eyes.....		13.00
RC, 3-5 leaves.....	6.50	60.00
2 1/4 inch, 1 plant.....	11.00	100.00
2 1/4 inch, 2 plants.....	17.00	160.00
Marble Queen. RC.....	12.00	110.00
2 1/4 inch.....	17.00	160.00

SCHEFFLERA

Seedlings	6.00	40.00
Transplants	6.50	55.00



FITTONIA ARGYRONEURA



MARANTA KERCHOVEANA



NEPHYTHYTIS, GREEN GOLD



PEPEROMIA, EMERALD RIPPLE

100 Bare Root \$28.50

Prepaid

NOVELTY PHILODENDRONS

Ready for 2½- or 3-in. pots.

Climbing Varieties

Florida
Guttiferum
Laciniatum
Squam. Imbe
Hastatum Imbe

Self Heading

Selloum
Wend Imbe
Florida Compacta
Mellioni
Wend Auriculatum

Your Selection, 10 each of 10 varieties.
Substitution limited to 1 variety only,
if necessary.

PHILODENDRON CORDATUM

3 and 4 plants per pot

100 2½-in. pots
\$26.50

1000 2½-in. pots
\$245.00

500 at 1000 rate

Put in 3-inch pot and sell immediately or pot in 3½ or 4-inch and sell in a few weeks. Repeat customers in almost every state is our answer.



PHILODENDRON CORDATUM

40-3" pots \$30.75

Prepaid

NOVELTY PHILODENDRONS

Your Selection 10 each of 4 varieties

Florida

Guttiferum
Laciniatum
Squam. Imbe

Selloum

Wend Imbe
Lynette
Mellioni



PHILODENDRON FLORIDA

40-4" pots

\$39.75 Prepaid

10 plants of 4 varieties

PHILO. Pertusum
PHILO. Hastatum
PHILO. Panduriforme
PHILO. Dubia



GOLDEN POTHOS

100-2¼" pots \$23.75 Prepaid

25 plants of 4 varieties

Pothos Marble Queen, 1 plant per pot
Pothos Golden, 2 plants per pot
Philo. Cordatum, 2 plants per pot
Philo. Cordatum, 3 plants per pot

200-2¼" pots

\$38.75

Prepaid

25 plants of 8 varieties

Neanthe Bella Palm
Dracena Godseffiana
Pothos Wilcoxii
Chinese Evergreen
Nephthytis Green Gold
Nephthytis Emerald Gem
Peperomia Obtusifolia
Peperomia Variegata

TROPICAL FOLIAGE PLANTS - Puerto Rico

PHILODENDRON

Cordatum.

Propagating Eyes, Medium	2 M	13.00
Propagating Eyes, Large	Min.	17.00
Started Eyes		25.00
(5,000)		22.50
2¼-in. pots, 3 and 4 plants		17.00 150.00

Pertusum.

Moss rooted cuttings.		
3-5 leaves	82.50	800.00

Panduraforma.

8-12 in. URC	14.50	130.00
2¼-in. pots, 1 tip	22.50	200.00
2¼-in. pots, 2 tips	33.50	300.00

Hastatum.

8-12 in. URC	23.50	215.00
12-15 in. URC	30.00	275.00
2½-in. pots, 8-12 in.	30.00	275.00

Mandianum.

8-12 in. URC	27.50	250.00
12-15 in. URC	33.50	310.00
2¼-in. pots, 8-12 in.	35.00	325.00



DRACAENA MASSANGEANA
and
PHILODENDRON
CORDATUM

PROPAGATING MATERIAL

DIFFENBACHIA CANE

Picta\$22.50 per 100 ft.; \$200.00 per 1000 ft.
Roehrs\$42.50 per 100 ft.; \$400.00 per 1000 ft.

DRACAENA CANE

Massangeana, Frangans, Janet Craig.
\$17.00 per 100 ft.; \$145.00 per 1000 ft.

Eugene Andre, Firebrand, Stricta, Grandis,
Baptisti, Tricolor.

\$22.00 per 100 ft.; \$190.00 per 1000 ft.
(Cut in specific lengths, add \$2.50 per 100 ft.)

AGLAONEMA Simplex, CANE

\$17.00 per 100 ft.; \$135.00 per 1000 ft.

PHILODENDRON, PROPAGATING EYES

Dubia, Mandianum, Simsii, Sodoroi, Hastatum.
\$7.50 per 100, \$70.00 per 1000.

Micans.

\$13.50 per 1000.

Prices F.O.B. San Juan, Puerto Rico. Specify phone number and nearest airport. Shipments go by Air Freight to Miami or New York, and then Rail Express or Air Freight to destination. Heavy shipments of CANE and SANSEVIERIA via boat. 500 of an item supplied at 1000 rate.

TROPICAL FOLIAGE PLANTS - Puerto Rico

AGLAONEMA

Commutatium (Variegated Evergreen).		
	100	1000
4-6 in. URC	\$10.50	\$ 87.50
6-8 in. URC	11.50	100.00
2 1/4 in. pots	19.00	165.00
Marantifolia.		
8-12 in.	24.00	200.00
Roebelinii (Schismatoglottis).		
6-8 in. URC	30.00	275.00
8-12 in. URC	40.00	375.00
12-15 in. URC	50.00	475.00
Simplex (Chinese Evergreen).		
Unrooted cuttings.		
4-6 in.	6.25	55.00
6-8 in.	7.50	67.50
8-10 in.	9.50	80.00
10-12 in.	10.50	95.00
12-15 in.	12.00	105.00
Treubi.		
Rooted divisions, 10-12 in.	45.00	425.00

ARALIA

Balfouriana.		
7-9 in. URC	7.50	65.00

ASPIDISTRA

Rooted Leaf. 12-15 in.	5.50	50.00
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CRYPTANTHUS

Terminalis.		
Unrooted cuttings.		
4-6 in.	5.50	47.50
6-8 in.	7.00	55.00
8-12 in.	7.50	67.50
1 3/4-in. pots	10.00	90.00

DRACAENA

Godseffiana.		
Unrooted cuttings.		
4-6 in.	6.25	52.50
6-8 in.	7.00	60.00
8-12 in.	7.50	65.00
Rooted Cuttings, 6-8 in.	9.50	80.00
2-in. pots, 2 tips	16.00	140.00
2-in. pots, 3 tips	18.00	160.00
Sanderiana.		
Unrooted cuttings.		
2-3 in.	7.00	60.00
3-4 in.	7.50	67.50
4-6 in.	8.00	70.00
6-8 in.	8.50	70.00
8-12 in.	8.50	70.00
Rooted Cuttings.		
4-6 in.	10.00	85.00
6-8 in.	10.00	85.00
8-12 in.	10.00	85.00
1 3/4-in. pots (4-6 or 6-8)	12.00	110.00
Borinquensis.		
4-6 in. URC	12.00	100.00
Kelleriana.		
4-6 in. URC	8.25	67.50
6-8 in. URC	9.50	80.00
Marginata.		
6-8 in. URC	12.00	100.00
Massangeana.		
6-8 in. URC	22.00	190.00
8-12 in. URC	23.00	200.00
2 1/4-in. pots	27.50	250.00
Warnecki. Unrooted cuttings.		
6-8 in.	19.50	175.00
8-12 in.	24.00	210.00
12-15 in.	28.00	250.00
15-18 in.	32.00	280.00
Rooted Cuttings.		
8-12 in.	32.00	280.00
2 1/4-in. pots	33.50	300.00



AGLAONEMA COMMUTATUM



DRACAENA GODSEFFIANA

Puerto Rico U. S. A.

6 Hours
From New York
4 Hours From Miami

Direct Air Service
to Major Cities
of Midwest



DRACAENA SANDERIANA



DRACAENA WARNECKI

DIEFFENBACHIA

	100	1000
Amoena. 3-in. pots	\$47.50	\$450.00
Picta. Unrooted cuttings.		
6-8 in.	13.50	120.00
8-12 in.	14.00	125.00
Roehrsi. Unrooted cuttings.		
6-8 in.	24.00	210.00
8-12 in.	25.00	220.00

FICUS

Mossed Layers

Doescheri. 12-15 in.		
8-9 leaves	47.00	425.00
Decora. 12-15 in., 6-7 leaves		
	82.50	750.00
Pandurata. 12-15 in., 7-8 leaves		
	67.50	600.00

MARANTA

Kerchoveana. Unrooted cuttings	7.00	62.50
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NEPHTHYTIS

Green Gold. RC. 3-5 leaves		
2 1/4 in.	6.25	55.00
	15.00	135.00
Snow Queen. RC. 3-5 leaves		
	6.25	55.00
Emerald Gem. RC. 3-5 leaves		
	6.00	50.00
Emerald Gem.		
2 1/4-in. pots, 3 tips	14.00	120.00

POTHOS

Marble Queen.		
Propagating Eyes		17.50
Started eyes		32.50
(6,000)		30.00
2 1/4-in. pots, 3 tips	19.00	165.00
Tri-Color.		
Propagating Eyes		15.00
2 1/4-in. pots, 3 tips	18.00	160.00
Wilcoxi.		
Started Eyes (2M Min.)		25.00
(6,000)		22.50
2 1/4-in. pots	16.00	145.00

SANSEVIERIA

COMPACTA. 3-5 leaves.		
6-8 in.	\$11.00	\$ 90.00
8-12 in.	13.00	110.00
LAURENTI. 2 leaves.		
8-12 in.	7.50	57.50
12-15 in.	7.50	57.50
15-18 in.	7.50	57.50
LAURENTI. 3-5 leaves.		
4-6 in.	9.50	75.00
6-8 in.	11.50	95.00
8-12 in.	12.50	105.00
12-15 in.	12.50	105.00
15-18 in.	13.50	115.00
18-24 in.	15.00	130.00
24-30 in.	19.00	170.00
30-36 in.	23.00	210.00
ROSETTES. 4-6 leaves.		
6-8 in.	12.00	100.00
ZEYLANICA. 3-5 leaves.		
6-8 in.	6.00	55.00
8-12 in.	6.50	55.00
12-15 in.	9.00	60.00
15-18 in.	9.50	70.00

We suggest Puerto Rican orders total at least 1000 cuttings, or 300 potted plants, to keep shipping charges economical. Minimum order of an item 100.

Special quotation on quantity orders.

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Note: Plant Shipments

CONDITIONS OF SALE

Due to constant market fluctuations, all prices in this catalog are subject to change without notice.



**For Prompt and
Courteous Service
Call WALnut
5-5620**

DISCOUNTS

For cash with order, or payment within 10 days of invoice:

5% on orders of \$5.00 to \$25.00 on flower seed and vegetable seed.

8% on orders of \$25.00 or over on flower seed and vegetable seed.

All other items, 2%.

NO Discounts on Special Quotations.

WARRANTY

Henry F. Michell Co. gives no warranty express or implied as to the productiveness of any seeds, bulbs or plants it sells. The limit of liability for all claims shall be no greater than the purchase price of the goods, and in no case shall it be responsible for loss or damage to the crop.

We recommend all plant shipments to go by Express. If they arrive in poor or frozen condition, accept and receipt for them, accordingly, then enter claim to the transportation company. All claims must be supported with a copy of damage report which can be furnished by the agent of the delivery carrier. Prices prevailing at time of shipment will be charged, plus packing at cost.

FORWARDING SERVICE

Flower Seeds listed in catalog, prepaid anywhere in the United States. Please remit postage for all Bulbs, Plants, Insecticides, and Sundries, if desired by parcel post. Refer to postal chart for amount. Shipments too large for parcel post will be sent express or freight collect.

PARCEL POST CHART

	Local Phila.	Zone 1 and 2 Within 500 miles	Zone 3 150-300	Zone 4 300-600	Zone 5 600-1000	Zone 6 1000-1400	Zone 7 1400-1800	Zone 8 Over 1800 miles
The first pound costs	.18	.23	.23	.24	.26	.28	.30	.32
For each additional pound (2 to 70), add	.02	.04	.06	.07	.10	.12	.16	.18

Plants, bulbs, to all zones, weight limit 70 lbs., size 100 in. Other parcels as follows—(between first class post offices) local, first and second zones weight limit 40 lbs., size 72 in. Zones three to eight, weight limit 20 lbs., size 72 in. Please include postage to cover items not prepaid.



MARIGOLD, PETITE MIXED
All-America Winner 1958.

Available in separate colors: Yellow, Gold, Orange and Harmony.
Tr. pkt. 70c; $\frac{1}{8}$ oz. \$1.25; $\frac{1}{4}$ oz. \$2.00;
oz. \$6.00; 4 ozs. \$20.00.

Michell's



MARIGOLD, CUPID
Tr. pkt. 50c; $\frac{1}{4}$ oz. \$1.75; oz. \$5.00.



IMPATIENS, DWARF SCARLET
Tr. pkt. \$1.50; $\frac{1}{32}$ oz. \$3.00; $\frac{1}{16}$ oz. \$5.75;
 $\frac{1}{8}$ oz. \$10.50.

ZINNIA, ORTHO POLKA
Tr. pkt. 50c; $\frac{1}{4}$ oz. \$1.25; oz. \$3.75; 4 ozs. \$12.50.



COLEUS, RAINBOW MIX
Tr. pkt. \$1.00; $\frac{1}{32}$ oz. \$2.50; $\frac{1}{16}$ \$4.00;
 $\frac{1}{8}$ oz. \$7.50; $\frac{1}{4}$ oz. \$12.00.





VERBENA, MICHELL'S EXHIBITION MIXTURE
Tr. pkt. 75c; 1/4 oz. \$2.50; oz. \$6.00.



SNAPDRAGON, MARDI GRAS MIXTURE
Tr. pkt. 60c; 1/4 oz. \$1.50; oz. \$5.00.



SALVIA, ST. JOHN'S FIRE
Tr. pkt. \$1.00; 1/8 oz. \$1.65; 1/4 oz. \$2.75;
oz. \$9.00; 1/4 lb. \$30.00.

PHLOX, TWINKLE
Tr. pkt. 75c; 1/8 oz. \$1.30; 1/4 oz. \$2.35; oz. \$7.00.



MARIGOLD, COLOR MAGIC
Tr. pkt. 40c; 1/4 oz. 75c; oz. \$2.50;
4 ozs. \$8.00.



PETUNIA, GLORIOUS MIXTURE
1/2 tr. pkt. \$2.25; tr. pkt. \$4.00; 1/128 oz. \$7.60;
1/64 oz. \$14.45; 1/32 oz. \$28.00.



ATTENTION - POT PLANT GROWERS

NURSERIES and FLAT GROWERS

Now you can handle all of your plants, flats and materials in half the time with the

ELECTRIC

TAYLORTRUCK

SAVES HOURS - SAVES DOLLARS

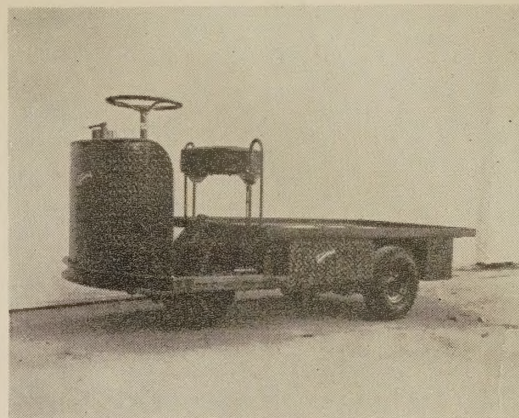
- Saves labor—one man can do the work of three.
- Economical—less than 10c per day to operate.
- Dependable—consistent trouble free day-in day-out service.
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- Maneuverable—short turning radius, ideal for greenhouse use.
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B-3-72 1/2 ton; 6 batteries; Platform 42" x 72"

A-3-54 1/4 ton; 4 batteries; Platform 29" x 54"

AN-3-54 1/4 ton; 4 batteries; Platform 31 1/2" x 54"



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Will carry up to 1,500 lbs. Rugged construction assures you of dependable service with heavy loads in rough terrain and steep grades.



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TOPS for hauling POTTED PLANTS. Equipped with tracking trailers that will follow in EXACT tracks of truck—will make 90° turns.



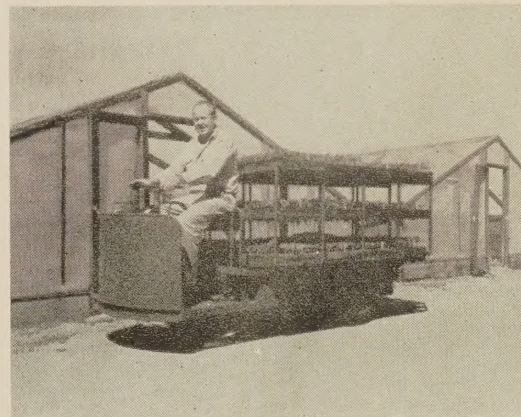
Model AN-3-54

For loading or unloading they are tops for speed and efficiency. Will carry up to 700 lbs.

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Automatically charges batteries, shuts off automatically—no need to worry about overcharging.

**WRITE for
complete details.**



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Equipped with special racks that will actually carry up to 60 flats.

HENRY F. MICHELL CO.

3rd and Spruce Streets

PHILADELPHIA 5, PA.



BLUE LUSTRE

New Grandiflora for '58

A beautiful deep blue. Newly opened blooms are a deep velvety blue as they mature, or in hot weather they develop a rich red undertone. The very oldest blooms silver to a typical mid-blue. Plants grow only a foot tall, spreading to 24 inches, bearing an incredible number of waved, lustrous flowers during the course of the season.

1/2 tr. pkt. \$1.75; tr. pkt. \$3.00; 1/64 oz. \$10.00;
1/32 oz. \$19.00; 1/16 oz. \$36.00; 1/8 oz. \$69.00;
1/4 oz. \$129.00.



GLITTERS

3 F-1 Hybrid Petunias

That Should be in Every
Bedding Plant Program



RED SATIN

The 2 1957 All-America Selections

RED SATIN

Multiflora. This is the richest red yet produced in Petunias. The flowers are extremely vivid and the shade is actually much deeper than the color photograph indicates. The color is strong and enduring and heat and sunshine fail to fade its brilliant color. Plants are compact and dwarf and are very floriferous.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.25; 1/128 oz. \$4.00; 1/64 oz. \$7.50;
1/32 oz. \$14.50; 1/16 oz. \$26.00; 1/8 oz. \$46.00; 1/4 oz. \$82.00.

GLITTERS

Multiflora. The first real red and white bicolor introduction. The plants are very dwarf, growing only to a height of 8 inches. The flowers are somewhat small but it is a profuse bloomer all season. Compact habit of growth makes it excellent for borders.

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00;
1/32 oz. \$15.50; 1/16 oz. \$30.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.

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3rd and Spruce Streets PHILADELPHIA 5, PA.